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**AMERICAN BULB COMPANY**

CHICAGO • NEW YORK



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**SEEDS • BULBS • SUPPLIES**

RECEIVED  
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U. S. Department of Agriculture



## SEEDS • BULBS • ROOTED CUTTINGS

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### Please Note . . .

1. All orders for flower seeds will be sent by prepaid parcel post.
2. Take advantage of our liberal discount on flower and vegetable seeds—cash orders: 5% on orders totaling less than \$25; 8% on orders over \$25. Charge orders paid within 10 days from date of bill: 2% on orders of \$5-\$50; 5% \$50-\$100; 8% over \$100.
3. We will be glad to quote on larger quantities of seed than those listed.



# AMERICAN BULB COMPANY

*Importers and Growers*

## WHOLESALE PRICE LIST Spring Edition 1954

*This book is a combined catalog of seeds and bulbs (Pages 1 to 50), and the A.F.S. Bluebook of florist and horticultural supplies (Pages 51 to 96). Consult special index inside front cover and pages 94-95 for specific items.*

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### TERMS OF BUSINESS

*Routing:* Please give explicit shipping directions with each order, giving name of Freight, Express and Post Office stations. If no directions are given we will use our best judgment, but all goods travel at purchaser's risk.

*Parcel Post:* We will be pleased to send such items as can be mailed by Parcel Post; customers to remit for postage. We do not deliver goods free at Wholesale Prices, except flower seeds. Flower seeds will be sent prepaid by parcel post within the continental limits of the United States.

*Disclaimer:* The American Bulb Company and the American Florist Supply Company give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds (bulbs or plants) or florist supplies it sells and will not be responsible for the crop.

If the customer does not accept the goods on above terms he must return them at once, and money will be refunded or proper credit given. We exercise, however, the greatest care to fill our orders with the highest quality possible, as it is our constant aim to give our customers fullest satisfaction.

*Cash Discounts:* Cash with order only. 3% on Bulbs; 2% on Plants

or Florist Supplies. Flower and Vegetable seeds; 5% on orders totaling less than \$25.00; 8% on orders over \$25.00. Prices on Lawn seeds and Cloth are NET.

*Charge Orders:* For payment 10 days from date of bill the following discount may be deducted: 2% on Bulbs, Plants and Florists Supplies. Flower and Vegetable Seeds: orders of \$5-50 2% (under \$5 net); \$50-100 5%; over \$100 8%. Exception to the above is taken when goods are supplied under special quotation, in which case particular terms will be noted.

*Prices:* This list cancels all previous offers.

Unknown correspondents desiring to open an account will please furnish three references to parties in the trade with whom they have had credit relations, and sufficient time to investigate same; otherwise cash must accompany order.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance. We cannot arrange to send perishable stock C. O. D.

All goods are offered subject to crop failures, shortages or other causes beyond our control and to being unsold on receipt of order, and we reserve the right to advance prices without notice.

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# AMERICAN FLORIST SUPPLY CO.

*Importers and Distributors*





**Powderpuff Asters**



**Burpeeana Asters**

**Waldersee Asters**



## For Cutflowers

use these new attractive flowers grown from **ALL BREEDS CHOICE** seeds offered in this catalog:

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## All Breeds Choice New Annual Flower Seeds

### ASTERS

**Bouquet Type. Wilt Resistant.** Very early. Ideal market cutter and shipper. Plants strictly upright, bearing quilled flowers on long stems at top of 2' plant.

**Crimson Bouquet.** Bright crimson.

**Rose Pink Bouquet.** Florist's pink.

**White Bouquet.**

**Powderpuffs.** The mixture of all colors, including many more than the above. The 2' plants are covered with full double "puff ball" cut flowers. The plant takes less than 12" of space, all the flowers are on top, as many as 20 cut flowers per plant.

Tr. Pkt.....40c ¼ oz.....\$1.00 Oz....\$3.00

**Burpeeana.** The earliest of all Asters. Base branching. Large shaggy type flowers are carried on strong 18" stems. Fine cutflower and beddingplant.

**Finest Mixed.** Tr. Pkt...\$1.00

**Super Giant. Wilt Resistant.** After fifteen years of intensive breeding work, last year this wilt resistant strain of the largest and best of all giant Asters was introduced and welcomed by the trade. Now a number of new colors were added, so that we can offer:

**Beverly Hills.** Azure blue.

**Los Angeles.** Shell Pink.

**Pasadena.** Peach Blossom.

**El Monte.** Crimson.

**Hollywood.** Pure White.

**Santa Barbara.** Dark Purple.

**Finest Mixed.**

Tr. Pkt.....50c ¼ oz.....90c Oz.....\$2.80

**Early Giants.** If you have only a short fall season before frost, you need the Early Giants. The flowers are of the Giants of California type, blooming four to six weeks earlier. With last year's Azure Blue now Crimson joins the colors of this valuable class.

**Crimson.**

**Azure Blue.**

Tr. Pkt....50c ¼ oz....90c Oz....\$2.80

**Giant Incurved.** We offer now three colors of these fine cut-flowers. They are fully double on long stems, and highly wilt resistant.

**Azure.** Clear light blue. Blooms mid-August.

Tr. Pkt....\$1.75 ¼ oz....\$3.20 Oz....\$9.60

**Pure White.** Exceptionally double, with fine stiff stems. Blooms late August.

**Shell Pink.** Blooms mid-August. Needs very little disbudding.

Tr. Pkt....\$1.50 ¼ oz....\$2.50 Oz....\$7.50

**Dwarf Triumph.**

**Gerhart Hauptmann.** The charming 10" plants abundantly bear globular large fully double flowers of an attractive cinnabar red. Fine material for lively colored pots and bedding. Originators imported seed.

Tr. Pkt....40c ¼ oz....80c Oz....\$2.25

**Waldersee.** An outstanding dwarf Aster. The 10" high bushy pyramids are covered with innumerable little flowers. Highly decorative graceful potplant, quite different from other Asters. Originators imported seed.

**Crimson. Dark Blue. White.**  
Tr. Pkt....50c ¼ oz....\$1.00 Oz....\$3.30



## All Breeds Choice New Annual Flower Seeds

### BEGONIA

**Sleeping Beauty** (Fibrous Rooted, F<sub>1</sub> Hybrid). With this new variety, a bit darker than Rosy Red, the family of the Thousand Wonders (Tausendschoen) Begonias has got a new member. It will be a worthy comrade to his kin, who are the leading Begonias in the European markets. Originators imported seed.

**Thousand Wonders Pink** (Tausendschoen), centifolium rose.

**Rosy Red**, striking color.

**Sleeping Beauty**, darker sister of Rosy Red.

**Thousand Wonders Red** (Rote Tausendschoen), deep red. **Gold Medal Hamburg 1953**.

Tr. Pkt. ....\$1.50

**Home** (Tuberous Rooted Multiflora, F<sub>1</sub> Hybrid). These Tuberous Begonias do not produce a few giant flowers but are covered with medium sized, radiant blooms. As they are carried well above the foliage, this mass of color is strikingly beautiful and brilliant. They like shadow but can withstand the heat better than other Begonias. The seed is very fine and extreme care is necessary to keep just the right amount of moisture during the first time after sowing. The bulbs can be used again for several years and increase in size. The blooms of Home are salmon-orange and reach a size of 2½ inch.

Tr. Pkt. .... \$2.00

### CELOSIA GIANT PLUMOSA

**Pampas Plume**. After the success of last year's quick-growing, heat enduring, pest resisting Celosia Golden Fleece, the breeder now introduces with Pampas Plume a resplendent bouquet of all the brilliant colors of autumn leaves: gold, copper, deep red, scarlet, henna and carmine. The big, feathery flowers are rich cutflowers.

**Golden Fleece**.

**Pampas Plume**.

Tr. Pkt....30c ¼ oz....\$1.30 Oz....\$4.00

### CALENDULA SINGLE FLOWERED

**Nova**. The breeder brought the Calendula back to its wildform as a totally single flower. Brilliant orange red fringes surround dark brown discs. These very unusual Calendulas are attractive and graceful cutflowers. Imported seed.

Tr. Pkt....40c ¼ oz....60c Oz....\$1.75

### SNAPDRAGONS

#### NEW HYBRIDS FOR FORCING, SPECIALLY RECOMMENDED

**Crusader**. Early. Brilliant rose-pink like Dorcas Jane. (Yoder Bros.).

Tr. Pkt. ....\$3.00

**Rosanna**. Early. A deep, bright rose; long tapering spike. (Ball).

Tr. Pkt. ....\$3.50

**Spartan Rose**. Medium early. Soft rose. Well placed florets. (Michigan State College).

Tr. Pkt. ....\$3.00

**Trilbee Pink**. Medium early. Rich pastel pink, giant florets. Special for single stem culture. (Windmiller).

Tr. Pkt. ....\$3.50

**Whirlaway**. Medium early. Large florets well spaced on long spikes. Color a bit deeper than Mary Ellen. (Yoder Bros.).

Tr. Pkt. ....\$3.00

**Navajo**. Medium early. Bright true red. Long spike, hard stem. (Ball).

Tr. Pkt. ....\$3.50

**Apollo**. Early. Ivory, large flowered and very vigorous. (Yoder Bros.).

Tr. Pkt. ....\$3.00

**Snowman**. Early. Absolutely white. (Ball).

Tr. Pkt. ....\$3.50

**Spartan White**. Early. Pure white, long spike. (Michigan State College).

Tr. Pkt. ....\$3.00

**Rockwoods White # 5**. Fine for Fall and Early Winter blooming. Large and well formed flowers. (Rockwood).

Tr. Pkt. ....\$3.50

**Day Star**. Very early. Light yellow, very uniform. (Yoder Bros.).

Tr. Pkt. ....\$3.50

**Rockwoods Yellow # 10**. For Fall and Early Winter. Fairly deep yellow. (Rockwood).

Tr. Pkt. ....\$3.50

**Seabiscuit**. Outstanding for Winter or Spring. Clear yellow, vigorous, uniform. (Yoder Bros.).

Tr. Pkt. ....\$3.00

**Bold Venture**. Early. Rich lavender. Uniform, hard stem. (Yoder Bros.).

Tr. Pkt. ....\$3.00

### OUTDOOR TETRAPLOID SNAPS, NEW COLORS

**Tetraploid Bright Rose, Crimson, Deep Salmon Pink, White Rose, White, Yellow**.

Tr. Pkt...60c 1/16 oz...\$1.10 ½ oz...\$1.90

### LARKSPUR

**Light Blue Supreme**. A clear heavenly blue without a trace of mauve that will not fade even in strong sunlight. The florets are the largest known in Larkspur. It is fully double, and the florets are well spaced on extra long spikes. The habit is entirely base branching.

Tr. Pkt....35c ½ oz....\$1.00 Oz....\$1.80

4 oz.....\$6.00 Lb.....\$18.00



**Begonia Home**



**Calendula Nova**

**Celosia Giant Plumosa**



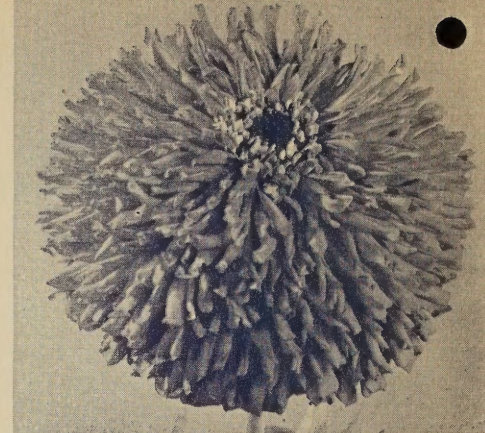




**Marigold Fluffy Ruffles**



**Marigold Lulu**



**Zinnia Blaze**



**Marigold Brownie**

**Verbena Rainbow Strain**



# All Breeds Choice New

## MARIGOLD

**Dwarf French Single Brownie.** The large crested centers of glistening golden-yellow petals seem to burst from a rich mahogany red disk. These mahogany red petals are edged with a thin line of gold enhancing the warm color of this new Marigold. Brownie produces a generous supply of blooms throughout a long season. The habit is dwarf and bushy. Excellent for bedding.

Tr. Pkt....50c ¼ oz....\$1.60 Oz....\$5.25

**Dwarf French Double Tangerine.** A worthy companion to last year's Rusty Red, they are a matched pair in every way. Both are tremendously vigorous, very uniform, produce abundant large fully double flowers, freely borne well above the foliage.

**Tangerine.** Rich orange.

**Rusty Red.** Rusty red with golden seam.

Tr. Pkt....35c ¼ oz....\$1.00 Oz....\$3.00

**Tall African Fluffy Ruffles.** Early and very large, this brilliant medium orange flower blooms until late Fall. The petals are intensely ruffled. The plants, about 25" high are very uniform and base-branching. A fine cutflower.

Tr. Pkt....35c ¼ oz....\$1.00 Oz....\$3.00

**Tagetes Signata Pumila Lulu and Ursula.** Two charming new introductions in this class of graceful flowers. Both are about 12" high, very uniform, and enormously rich flowering. The plants are covered with delicate little blooms and will make highly colorful and attractive borders.

**Lulu.** Light yellow.

**Ursula.** Yellow gold.

Tr. Pkt....40c ¼ oz....\$1.20 Oz....\$3.60

## ZINNIA GIANT CACTUS

**Blaze.** All America Winner. Newest, most vivid of the Giant Cactus Zinnias, Blaze is outstanding for the uniform doubleness of its fluffy, gracefully quilled petals which reach more than 5" across. It bursts into bloom with a profusion of brilliant mandarin-red flowers softening to scarlet orange as the flowers gain in size. A fiery beauty, the plant is free blooming.

Tr. Pkt.....75c ½ oz.....\$1.25  
¼ oz.....\$2.00 Oz.....\$5.25

**Eskimo.** Large ruffled flowers open creamy white and change to white as they mature. Petals are long and narrow, slightly turned and faintly notched at the tips.

**Sunny Boy.** Rich buttercup-yellow flowers made up of many ruffled petals.

**Chrysanth.** Chrysanthemum formed flowers 5-5½" across, higher globular shaped than the Burpee Hybrids, containing all the vivid Zinnia colors. Very remarkable strain.

Tr. Pkt.....60c ¼ oz.....\$1.00  
Oz.....\$3.00 4 oz.....\$9.00

## VERBENA EARLY DWARF UPRIGHT

**Rainbow Strain.** New earliest of all Verbenas, specially developed for the bedding plant trade. Often the seedlings in the flats already show color. The strain covers a wide unusual range of colors including mauve, lavender, and apricot. Many have a large eye with a beautiful contrasting effect.

Tr. Pkt.....55c ¼ oz.....\$1.65 Oz.....\$5.00

## NEW EARLY MULTIFLORA SWEET PEAS

With the introduction of new fine colors we now offer the following:

Lavender	Deep Rose	Orange Cerise
Salmon Pink	Whirlwind (Appleblossom Pink)	Rose White
Choice Mixed		
½ oz.....\$1.75	Oz.....\$3.00	
4 oz.....\$10.00	Lb.....\$30.00	





**Ipomoea Climbing Scarlett O'Hara**



**Salvia Fireworks**



**Petunia Popcorn**

# Annual Flower Seeds

## PETUNIA

**Large Plain Edged Popcorn.** An earlier dwarf and compact growing counterpart to Snowstorm; many will prefer it to this old favorite. An excellent variety for pots and bedding.

Tr. Pkt..\$1.50 1/64 oz..\$3.30 1/32 oz..\$6.00

**Large Fringed Flame.** A true scarlet with a slight suggestion of orange in the flare of the bloom which tends to deepen a bit in the throat. An extremely rich and luminous color. The height is about 18", with a plant spread of around 15". Flame is a generous producer of blooms, and will retain its compact habit and large blooms throughout the season. One of the best red fringed Petunias yet offered.

Tr. Pkt..\$1.50 1/64 oz..\$3.30 1/32 oz..\$6.00

**Little Giants Pink Frills.** A nicely ruffled dwarf type developed from the popular Little Giants. Early blooming, medium size flowers in brilliant rose-pink shades are profusely borne on compact well rounded plants. Excellent for pot work, borders and bedding.

Tr. Pkt.....80c 1/64 oz.....\$1.75  
1/32 oz.....\$3.00 1/16 oz.....\$5.25

And don't forget: you can't afford to omit the Single F<sub>1</sub> Hybrids from page 24. Every ambitious florist must have most of them.

## STREPTOCARPUS

### WIESMOOR HYBRIDS

Our 1953 introduction of this outstanding novelty earned much praise from the trade. We are glad to say that many of our customers ordered the seed and are confident they will do so again every year. We recommend every florist who has not yet tried it to do so now. Excellent for pots and cut flowers this newcomer on the American market will soon establish his firm position.

Tr. Pkt.....\$1.75 3 Tr. Pkts.....\$4.75  
5 Tr. Pkts. ....\$7.75

## SALVIA

**Fireworks.** This new variety is developed from St. Johns Fire, which was one of the most important improvements in the history

of the early dwarf Salvia strains. All the plants of Fireworks come into flower much on the same date, extra early. They start to flower when 3 to 4 inches in height while in the flats, providing an extra sales appeal. There is no finer bedding type of Salvia obtainable.

Tr. Pkt..\$1.25 1/4 oz...\$3.50 Oz...\$11.50

## IPOMOEA

**Climbing Scarlett O'Hara.** Deep wine red, this development corrects the one fault of the original Gold Medal Winner, it climbs vigorously without outside help, like Heavenly Blue. Otherwise the new climber is in every way identical with the well loved Scarlett O'Hara Morning Glory.

Tr. Pkt....30c 1/4 oz....50c Oz....\$1.60

## STOCKS

**Giant Column Pacific Pink and White.** Pacific Pink is a distinct new color break, the first true pink Stock ever developed. A cream base with a touch of salmon distinguishes this Stock from all other pink strains. It must be seen to be fully appreciated. Pacific White is a big step in the direction of a universal all purpose white Column Stock for both greenhouse and outdoor use. It is vigorous, early blooming, bears large flat florets with strong stems and has no branching tendency.

**Pacific Pink.** 1/2 Tr. Pkt..\$1.00 Tr. Pkt..\$1.75  
1/8 oz.....\$2.75 1/4 oz.....\$5.00  
1/2 oz.....\$10.00 Oz.....\$18.00

**Pacific White.** 1/2 Tr. Pkt..90c Tr. Pkt..\$1.60  
1/8 oz.....\$2.50 1/4 oz.....\$4.50  
1/2 oz.....\$9.00 Oz.....\$16.00

**Trysomic Giant Imperial.** The Trysomic Stock produces 85% or more double flowering plants when sown from seed. The percentage can be increased to 100% at the four leaf seedling stage as at this period the singles are noticeably weaker and can be readily distinguished from the vigorous double flowering plants.

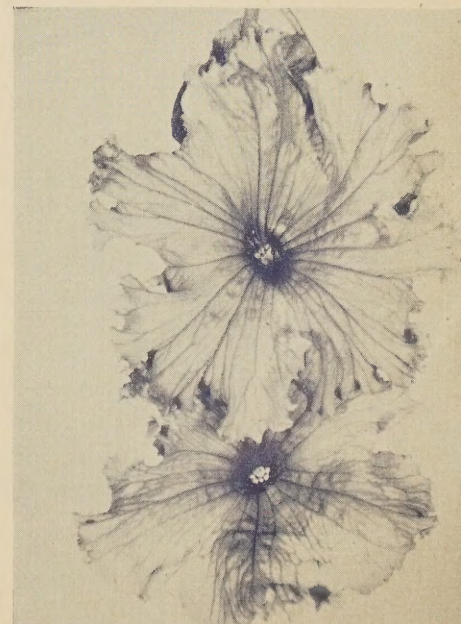
**Bright Rose Lilac Lavender Navy Blue  
Canary Yellow White Choice Blend of  
Colors**

1/2 Tr. Pkt..\$1.00 Tr. Pkt..\$1.75 1/8 oz..\$2.75  
1/4 oz...\$5.00 1/2 oz...\$10.00 Oz...\$18.00



**Petunia Pink Frills**

**Petunia Flame**







**Dahlia Giant Decorative Hybrids**



**Primula Malacoides Margarete Lutz**



**Delphinium Sapphire**

# All Breeds Choice New Flower Seeds

## PRIMULA

**Malacoides Margarete Lutz.** Compact bushes covered with ruby red-violet flowers. Excellent in the simultaneous opening of the shining blooms. European originators imported seed.

Tr. Pkt..\$1.25 1/64 oz..\$2.75 1/32 oz..\$5.00

**Obconica Red Giants.** Benarys Strain. New giant flowered breed of great merit. Original German seed.

Tr. Pkt..\$2.00 1/64 oz..\$3.00 1/32 oz..\$5.50

**Chinensis Olympia Hybrids.** Rich mixture of best colors, giant flowers. Originators strain.

Tr. Pkt.....\$1.25 1/64 oz.....\$2.50

**Chinensis Cardinal.** The outstanding improvement on Dazzler, brilliant vermillion. Originators strain.

Tr. Pkt.....\$1.50 1/64 oz.....\$5.00

## IMPATIENS

**Holstii Glow in Shadow.** Dark carmine scarlet, very dwarf, beautiful. Originators seed.

Tr. Pkt. ....90c

**Sultani nana Beauty of Klettgau.** Very dwarf, even, broad habit, abundant fiery scarlet flowers. Tr. Pkt.....90c

## CINERARIA

**Mammoth.** After a long time of work the breeder succeeded to produce semi-tall, compact plants with the right proportion of the size of the plants to the size of the giant blooms. The very rich mixture shows enormously large 4-4½" unicolored and zoned round blooms of striking beauty. Colors are delicate rose, bright rose and several red shades, also blue, some with smaller or taller white eyes. Every florist who wants to offer something outstanding to his customers should be interested in this new strain.

½ Tr. Pkt. (500 seeds) .....\$2.00

Tr. Pkt. (1,000 seeds) .....\$3.50

**Erfurt Dwarf.** Last perfection in Cinerarias. Only 8" tall and 10-12" in diameter, for small pots. Gold medal Hannover 1951. Originators seed.

**Matador.** Deep copper scarlet.

**Pandora.** Rosy Red.

½ Tr. Pkt. ....\$1.75 Tr. Pkt.....\$3.00

1/64 oz.....\$4.50 1/32 oz.....\$7.50

**Fines! Mixed.** Best color balance, including many unusual ones.

Tr. Pkt..\$1.50 1/64 oz..\$2.50 1/32 oz..\$3.75

## DAHLIA

**Giant Decorative Hybrids. Special Novelty Strain.** The best quality of Dahlia seed, produces outstanding flowers. Originators imported European seed. Will satisfy highest expectations.

Tr. Pkt.....60c ½ oz.....\$1.90

¼ oz.....\$3.50 Oz.....\$9.50

## WALLFLOWER EARLY WONDER

All Double. Potgrown reselected strain. Comes into bloom within 4-5 months. Produces sweet scented beautiful flowers. Incomparably superior to regular strains. Originators imported seed.

**Golden Yellow.**

**Primrose.**

Tr. Pkt....65c ¼ oz....\$1.75 Oz....\$5.50

**Mixed.** Tr. Pkt..40c ¼ oz..\$1.00 Oz..\$3.00

## SCHIZANTHUS

**A.B.C. Bright Red.** Bright amaranth red, large flowered. This specially attractive plant has good market value. Imported European seed.

Tr. Pkt....75c ½ oz....\$2.25 ¼ oz....\$4.00

## Perennial Seeds

### DELPHINIUM

**Sapphire.** A hardy improved Formosum type, a shade lighter and brighter than Bellamosum. The strain possesses immense florets with golden bees and very large spikes. A wonderful cutflower.

Tr. Pkt. ....75c .. ¼ oz... ..\$2.50

### ECHINOPS

**Sphaerocephalus.** A particularly desirable variety of the Globe Thistle. It is light blue with large globular heads, very hardy anywhere, does beautifully in difficult, dry soils and produces lots of quaint, attractive cutflowers.

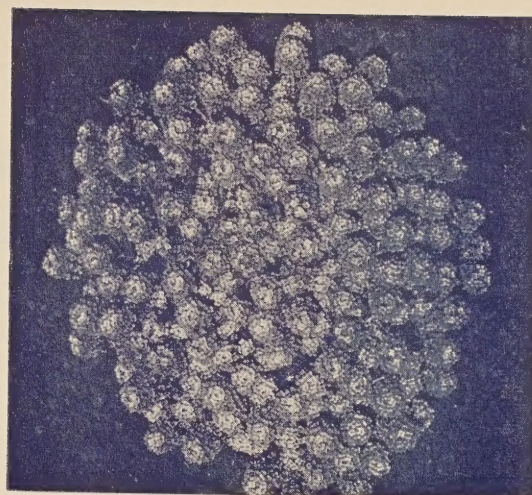
Tr. Pkt....35c ¼ oz....\$1.00 Oz....\$3.00

### LIATRIS

**Scariosa Alba.** Fine pure white, 2½', very attractive cutflower for the market gardener.

Tr. Pkt....50c ¼ oz....\$1.80 Oz....\$5.50





**Acroclinium—Sensation Giants**

**Alyssum Royal Carpet**

**Asparagus Sprengeri**

# Annuals

## FOR THE GREENHOUSE AND FOR OUTDOOR CULTURE

### ACROCLINIUM (Everlasting)

**Sensation Giants Double.** Rose to light pink shades. One of the finest strains with large flowers and longer stems. Excellent cut flowers. Cut before flowers are fully opened and dried, they are for winter bouquets.

Tr. Pkt. .... 20c ¼ oz. .... 35c Oz. .... \$1.00

### AGATHEA

**Coelestis (Blue Daisy).** Sky blue. Free flowering. Fine for cutting. 30 in.

Tr. Pkt. .... 30c ¼ oz. .... 65c Oz. .... \$1.90

### AGERATUM

	Tr. Pkt.	Oz.
<b>Blue Perfection.</b> Dark blue bedder. 8 in. .... (¼ oz., 50c)	25c	\$1.65
<b>Blue Bedder.</b> Flowers lavender-blue, borne on uniformly compact plants. 4 in. .... (¼ oz., \$1.55)	40c	5.00
<b>Blue Ball Improved.</b> Dark Blue. Compact, ball-shaped plants. 6 in. .... (¼ oz., \$1.20)	40c	4.00
<b>Blue Cap.</b> Light blue flowers. Dwarf, compact. 4 in. .... (¼ oz., \$1.00)	40c	3.50
<b>Fairy Pink.</b> A dwarf, compact Ageratum of delightful soft salmon rose. 10 inches. .... (¼ oz., \$1.60)	50c	5.00
<b>Midget Blue.</b> Very low, compact plants covered with small true azure blue flowers. 3 to 4 in. (¼ oz., \$1.75)	50c	6.00

### ALYSSUM

**Royal Carpet.** All America Winner. Perfect purple companion to Carpet of Snow.

Tr. Pkt. .... 45c ¼ oz. .... \$1.50 ½ oz. .... \$2.50 \$4.50

<b>Carpet of Snow (Snow Cloth).</b> Spreading to dense plants covered with masses of white flowers 3 to 4 inches .... (¼ lb., \$3.25)	20c	\$1.00
<b>A. B. C. Special "Little Gem."</b> White. 4 to 6 inches. .... (¼ lb., \$3.75)	20c	1.00
<b>Violet Queen.</b> Dwarf compact habit, free flowering with sweet scented flowers. Rich violet color. (¼ lb., \$4.50)	25c	1.25
<b>Maritimum (Sweet Alyssum).</b> White. Used for cut flowers. 10 in. .... (¼ lb., \$1.45)	15c	40c
<b>Snowdrift (Maritimum Tetraploid).</b> New. White, 12 in. Fine for cutting .... (¼ oz., 90c)	40c	2.80

### AMARANTHUS

	Tr. Pkt.	Oz.
<b>Molten Fire.</b> Brilliant poinsettia-like tips. 4 ft. (¼ oz., 40c)	20c	\$1.35
<b>Salicifolius (Fountain Plant).</b> Dark red with bronze tops blood red. 3 ft. .... (¼ oz., 40c)	20c	1.25
<b>Tricolor Splendens (Joseph's Coat).</b> Yellow, red and green with showy heads. 3 ft. .... (¼ oz., 40c)	20c	1.25

### AMARYLLIS

**Diener's Mammoth Hybrids.** Growers should find much of interest in Amaryllis culture from seed and we believe a most favorable surprise from the above named strain is in store for the producer when flowering period arrives. (Seed supplied in Diener's original packets.)

20 seeds ..... 50c 100 seeds ..... \$1.75

### ANCHUSA

**Capensis Blue Bird.** Indigo blue. 2 ft. Tr. Pkt. .... 15c Oz. .... 80c

### ANTIRRHINUM

(See Snapdragon) Pages 29-30

### ARCTOTIS

**Grandis.** Excellent for cutting. Daisy-like flowers on long stems, upper surface pure white, reverse side of petals lilac-blue. About 3 ft. Tr. Pkt. .... 20c ¼ oz. .... 45c Oz. .... \$1.20

**Large Flowered Hybrids.** Showy daisy-like flowers. 2½ to 3 inches across. A fine mixture of bright unusual shades.

Tr. Pkt. .... 40c ¼ oz. .... \$1.25 Oz. .... \$4.00

### ASPARAGUS

#### PLUMOSUS NANUS

Lacy foliage with finely divided bright green leaves. An old stand-by with florists for bouquets and arrangements.

#### SPRENGERI

A trailing ornamental plant with needle-like leaves. Commonly used in hanging baskets, cemetery urns and window boxes.

100 seeds ..... 30c 250 seeds ..... \$ .70  
1,000 seeds .... \$2.50 5,000 seeds .... \$10.00 10,000 seeds ... 18.50



## WILT RESISTANT STRAINS



**Aster Queen of the Market**  
**New Ballet Mixed**



**Aster Early Giant Azure Blue**

**Princess Asters**  
**Pat and Goldilocks**



### QUEEN OF THE MARKET

A very popular early flowering type. Branching freely near the ground, about 20" tall. Produces nearly round fully double blooms in early August.

<b>Azure Blue</b>	<b>Rose.</b> Soft Rose
<b>Ballet Queen.</b> Sal. Rose	<b>Scarlet</b>
<b>Crimson</b>	<b>White</b>
<b>Dark Blue</b>	<b>Finest Mixed</b>
<b>Flesh Pink</b>	<b>Ballet Mixed</b>
Tr. Pkt....35c	1/4 oz....65c Oz....\$2.00

### ROYAL

Blooms in mid-August directly following the Queen of the Market. Plants are 2 to 2½ ft. and branching. Responds well to additional light.

<b>Azure Blue</b>	<b>Purple</b>
<b>Crimson</b>	<b>Shell Pink</b>
<b>Deep Rose</b>	<b>White</b>
<b>Peach Blossom</b>	<b>Finest Mixed</b>
Tr. Pkt...35c	1/4 oz....65c Oz....\$2.00

### EARLY GIANT

Blooms just after the Royal type in early September. Plants 1½ ft. with long heavy stems produce large fluffy Crego type flowers.

<b>Azure Blue</b> (New)	<b>Peach Blossom</b>
<b>Crimson</b> (New)	<b>Rose Marie.</b> Rich Rose
<b>Light Blue</b>	<b>Finest Mixed</b>
Tr. Pkt....50c	1/4 oz....90c Oz....\$2.80

### EARLY BEAUTY (American Beauty)

Flowers are globular and fully double with incurved petals. Plants 2 to 2½ ft. Blooms from mid-September to frost. Outstanding for long stems and excellent keeping qualities.

<b>Azure Fairy.</b> Az. blue	<b>September Beauty.</b>
<b>Crimson</b>	<b>Shell pink</b>
<b>Deep Rose</b>	<b>White</b>
<b>Purple</b>	<b>Finest Mixed</b>
Tr. Pkt....40c	1/4 oz....80c Oz....\$2.20

### AMERICAN BRANCHING

One of the most popular in the mid-season to late class. Commencing to bloom in early September. Plants grow 2½ to 3 ft. tall. Flowers are large. Responds well to additional light.

<b>Azure Blue</b>	<b>Simple Pink.</b> Shell pk.
<b>Crimson</b>	<b>Sensation.</b> Scarlet
<b>Peach Blossom</b>	<b>White</b>
<b>Purple</b>	<b>Finest Mixed</b>
<b>Rose</b>	
Tr. Pkt....35c	1/4 oz....65c Oz....\$2.00

### PRINCESS

The 3" cushion type flowers produced on long wiry stems are good shippers and remain fully double when many other types show open centers. All are highly wilt resistant. Plants are of tall and branching habit coming into bloom in late August.

<b>Anne</b> —Peach blossom
<b>Barbara</b> —Orchid
<b>Bonnie</b> —Soft salmon pink
<b>Elizabeth</b> —Pure white
<b>Goldilocks</b> —(New)—A yellow self
<b>Linda</b> —Clear light rose
<b>Margaret</b> —True rose
<b>Marsha</b> —Cinnabar scarlet
<b>Pat</b> —(New) Crimson
<b>Susan</b> —True blue
<b>Finest Mixed</b>

### GIANT INCURVED

Large all double blooms and long, wiry stems make these new Asters fine for bedding and for cutting. See Novelties.

<b>Azure</b> (New). Light clear blue.		
Tr. Pkt...	<b>\$1.75</b>	1/4 oz... <b>\$3.20</b> Oz... <b>\$9.60</b>
<b>Shell Pink</b> (New).		
<b>Pure White</b> (New).		
Tr. Pkt...	<b>\$1.50</b>	1/4 oz... <b>\$2.50</b> Oz... <b>\$7.50</b>

### SUPER GIANT

The long-awaited wilt resistant strain of the largest, most fully double Aster class. Flowers have gracefully interlaced full petals. Six to eight in. long, non-lateral stems on 2½ ft. plants.

<b>Beverly Hills</b> —Azure
<b>El Monte</b> —Crimson
<b>Hollywood</b> —White
<b>Los Angeles</b> —Shell Pink
<b>Pasadena</b> —Peach Blossom
<b>Santa Barbara</b> —Dark Purple
<b>Finest Mixed</b>
Tr. Pkt....50c
1/4 oz....90c
Oz....\$2.80

### HEART OF FRANCE

The rich, dark red color is the distinctive feature of this variety. Medium-sized flowers are produced on branching plants 1½ to 2 ft. high in early September.

Tr. Pkt....35c	1/4 oz....75c	Oz....\$2.20
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### SINGLE CHINENSIS

Single daisy-like flowers, plants 1½ to 2 ft. Blooms in late August.

Rainbow Mixture. Florist strain.		
Tr. Pkt....35c	1/4 oz....60c	Oz....\$1.60



## CREGO IMPROVED

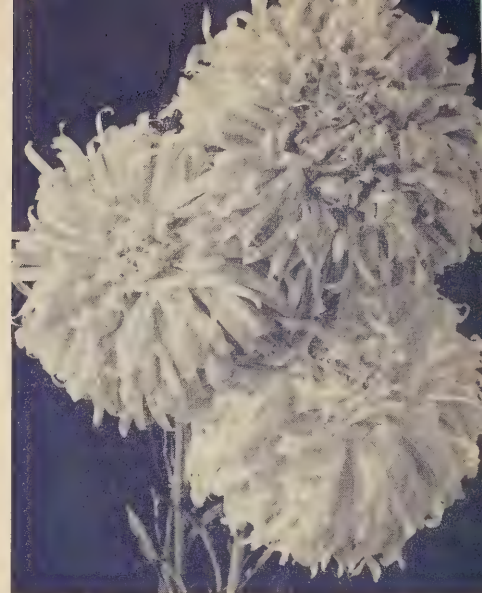
Plants are robust, branching, about 2½ ft. The large flowers have long ribbon-like, curled and twisted petals giving them a fluffy appearance. Blooms early September on. Responds well to additional light.

Azure Blue	Peachblossom
Blue Flame. Navy blue	Purple
Crimson	Shell Pink
Deep Rose	White
Orchid (Cattleya)	Finest Mixed
Tr. Pkt....35c	¼ oz....65c Oz....\$2.00

## BOUQUET TYPE

(New.) Ideal market cutter and shipper. Strictly upright, quilled flowers on long stems, 2'.

Crimson Bouquet
Rose Pink Bouquet
White Bouquet
Powder Puffs. The mixture of all colors.
Tr. Pkt....40c ¼ oz....\$1.00 Oz....\$3.50



**Aster Super Giants**  
Wilt Resistant

## NON-RESISTANT STRAINS

### IMP. GIANTS OF CALIFORNIA

Very large, full flowers with broad curled and interlaced petals are borne on heavy non-lateral stems. Plants reach 3 ft., blooming from late summer to frost.

Azure Blue	Purple
Deep Rose	White
Peach Blossom	Finest Mixed
Tr. Pkt....45c ¼ oz....90c Oz....\$2.70	

### KING BRANCHING

Flowers have twisted long petals. Excellent for cutting. A good shipper. Blooms in mid-September.

Lavender	Violet
Rose	White
Shell Pink	Mixed
Tr. Pkt....35c ¼ oz....70c Oz....\$2.00	
Peach Blossom (New)	Salmon (New)
Tr. Pkt....40c ¼ oz....90c Oz....\$2.70	



### BURPEEANA

New. See Novelties. The earliest for bedding. Mixed. Tr. Pkt. ....\$1.00

### CALIFORNIA GIANT SUNSHINE

A large flowered Anemone type composed of a single row of outer petals contrasting with a yellow quilled center. Blooms early to mid-September.

Finest Mixed
Tr. Pkt....35c ¼ oz....80c Oz....\$2.90

## SPECIAL ASTERS FOR POTS

Sow seed in January in flats and prick off into pots or plant bands. Later shift to larger pots. Additional light on seedlings for up to a month hastens flowering. Should flower for Mother's Day.

### KIRKWELL

2 inches across and fully double. They make excellent pot plants for Mother's Day and used for bedding will bloom from early August till frost. 1 ft.

Crimson	Light Pink
Deep Blue	Salmon Pink
Deep Rose	Mixed Colors
Tr. Pkt....50c ¼ oz....\$1.70 Oz....\$5.00	

### DWARF TRIUMPH

Gerhart Hauptmann. New. See Novelties. Cinnabar red, 10".

Tr. Pkt....40c ¼ oz....80c Oz....\$2.25
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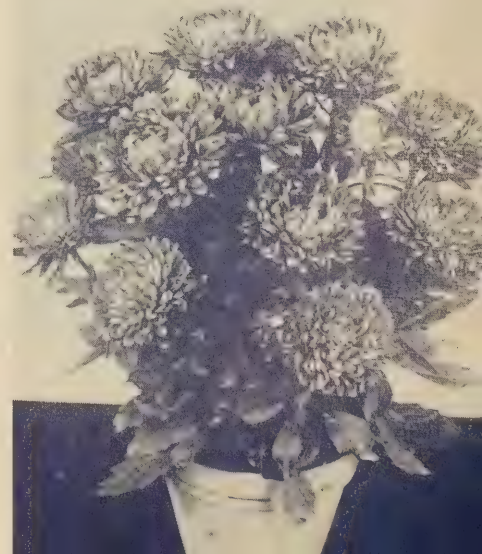
### WALDERSEE

New. See Novelties. 10" bushy pyramids covered with small flowers.

Crimson	Dark Blue	White
Tr. Pkt....50c ¼ oz....\$1.00 Oz....\$3.30		

**Aster Kirkwell**

**Aster Gerhart Hauptmann**



## FOR BETTER ASTERS

In addition to using the best wilt resistant strains:

Set your plants in soil which has not had a crop of Asters on it recently or sterilize the soil.

Put your outside plantings in a cloth house to prevent leaf hoppers from bringing in Aster Yellows.

Avoid checking plant growth. Grow your seedlings in plant bands to prevent root injury in transplanting. See page 79.



# ALL BREEDS CHOICE BEGONIAS - FIBROUS ROOTED

New excellent Begonias from Germany. Originators strain. *Semperflorens* and *semperflorens gracilis*.

Extra dwarf, 5 to 6 inches high.

**Thousand Wonders Pink (Tausendschoen)** (F<sub>1</sub> Hybrid). Profusion of centifolium rose flowers, compact, dense and uniform, leader in European gardens and markets. Tr. Pkt. .... \$1.50

**Rosy Red** (F<sub>1</sub> Hybrid). Good counterpart to Thousand Wonders, striking color, sun- and rain-proof. Tr. Pkt. .... \$1.50

**Sleeping Beauty** (F<sub>1</sub> Hybrid). (New.) Darker shade than Rosy Red. Specially hardy in adverse conditions. Tr. Pkt. .... \$1.50

**Thousand Wonders Red (Rote Tausendschoen)** (F<sub>1</sub> Hybrid). Deep red partner to Thousand Wonders Pink. Tr. Pkt. .... \$1.50

**Witch.** Light scarlet, early floriferous with brilliant, large flowers. Tr. Pkt. .... \$1.25 1/64 oz. .... \$3.00 1/32 oz. .... \$5.50

Medium, 8 to 11 inches high.

**Pink Profusion** (F<sub>1</sub> Hybrid). La-France-rose with rosy purple buds, compact, very rich bloomer.

Tr. Pkt. .... \$1.50 1/64 oz. .... \$3.25 1/32 oz. .... \$6.00

**Prima Donna.** (F<sub>1</sub> Hybrid.) Medium rose shading to carmine. Very excellent variety. Tr. Pkt. .... \$1.50 1/64 oz. .... \$3.00

**Jubilee** (F<sub>1</sub> Hybrid). Dazzling scarlet with copper gleam, rich branching. Tr. Pkt. .... \$1.50 1/64 oz. .... \$3.00 1/32 oz. .... \$5.50

**Radio.** (F<sub>1</sub> Hybrid.) Fine carmine-scarlet.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.00

**Helena.** Carmine-scarlet. Gold medal Stuttgart exhibition 1950. Tr. Pkt. .... \$1.50

**Snow.** (F<sub>1</sub> Hybrid.) Pure white medium-size flowers show up well against the rosy stems and light green leaves. Tr. Pkt. .... \$1.50

**White Bedding Queen.** Largest white flower, light green foliage. Tr. Pkt. .... \$1.00 1/64 oz. .... \$1.50 1/32 oz. .... \$2.50



**Begonia Thousand Wonders  
Pink and Red  
(Tausendschoen)**



**Begonia Rex**

## GRACILIS

Especially adapted to pot culture because of their small foliage.

### DWARF

**Adeline. (Imp. Darling).** Bright pink flowers, dwarf, compact habit and green foliage.

Tr. Pkt. .... \$1.30 1/64 oz. .... \$2.80

**Luminosa Compacta.** Brilliant scarlet. Very free flowering. About 5 inches tall.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$3.25

**Pink Pearl.** We prefer Thousand Wonders Pink.

**Red Pearl.** We prefer Thousand Wonders Red.

**Snowbank.** Large, pure white flowers. Compact, uniform plant habit.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.75 1/32 oz. .... \$5.00

### MEDIUM

**Carmen.** Bright pink flowers with richly contrasting bronze foliage.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.40

**Indian Maid.** Bright deep scarlet flowers with deep bronze foliage.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.75

**Luminosa.** Deep scarlet with reddish-brown foliage. One of the best sellers.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$3.20

**White Pearl.** Pure white, large flowers, green foliage.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.70

## SEMPERFLORENS

Characterized by large foliage. Excellent for bedding or large pots.

### DWARF

**Ball Red.** Bright scarlet red flowers. Fairly dwarf, uniform habit. Tendency to rot may be controlled by careful watering.

Tr. Pkt. .... \$1.50 1/64 oz. .... \$3.25 1/32 oz. .... \$6.00

**Glow. (Improved Fire Sea).** Dark red, bronze foliage. Tr. Pkt. .... \$1.25

Tr. Pkt. .... \$1.20 1/64 oz. .... \$2.75 1/32 oz. .... \$5.00

### MEDIUM

**Scandinavia.** A very free flowering type with bushy habit which makes it ideal for pot plants as well as bedding and for use in combinations.

	Red	Pink	White	Mixed
Tr. Pkt. ....	\$1.25		1/64 oz. ....	\$3.00

### TALL

**A. B. C. Masterpiece.** A lovely clear rose-pink Begonia, and the most outstanding in this color class. The large-size blooms are produced so abundantly that the foliage is really overshadowed.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.50 1/32 oz. .... \$4.40

**Christmas Cheer.** Extra large flowered crimson-scarlet.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.00 1/32 oz. .... \$3.50

**A. B. C. Mixed.** Choice blend of all varieties.

Tr. Pkt. .... \$1.00 1/64 oz. .... \$1.75

1/32 oz. .... \$3.00 1/16 oz. .... \$5.00

## BEGONIAS—TUBEROUS ROOTED

**Double Mixed.** Tr. Pkt. .... \$2.75

**Multiflora Home** (F<sub>1</sub> Hybrid). See Novelties. Tr. Pkt. .... \$2.00

## BEGONIA REX

(New). Fine hybrid mixture of these richly-colored ornamental-leaved begonias. Originator's pkt. Tr. Pkt. .... \$2.00





**Bells of Ireland**

## **BACHELOR BUTTONS (*Centaurea*) Page 13**

## **BALSAM (*Lady Slipper*)**

**BUSH FLOWERING.** Double flowers are borne well above the foliage making them conspicuous and very showy.

**Finest Mixed.** Tr. Pkt.....35c    ¼ oz.....65c    Oz.....\$2.25

**CAMELLIA-FLOWERED.** One of the showiest flowers, our strain has been selected especially for its doubleness and wide range of colors.

**Finest Mixed.** Tr. Pkt.....20c    ¼ oz.....40c    Oz.....\$1.10

## **BELLS OF IRELAND**

Base branching 2' stems are densely set with green 2" flowers. Especially useful in bouquets, giving an attractive contrast to vivid colors. In high demand at the flower markets.

Tr. Pkt.....50c    ¼ oz.....\$1.65    Oz.....\$5.00

## **BLUE LACE FLOWER (*Didiscus*) Page 16**

## **BRACHYCOME (*Swan River Daisy*)**

**IBERIDIFOLIA.** A free blooming annual with small flowers.

**Mixed Colors.** Tr. Pkt.....25c    ½ oz.....85c    Oz.....\$1.50

## **BROWALLIA**

Suitable for pot plants, bedding and border work. For outdoor use sow February or later, shift in pots, plant out in May. Plants bloom all summer.

**Speciosa Major.** Brilliant deep blue. Tr. Pkt...\$1.00    1/16 oz...\$2.10

**Viscosa Compacta Sapphire.** Excellent pot plant. Compact grower. Dark blue flowers with white eyes.

Tr. Pkt.....35c    1/16 oz.....\$1.05    ½ oz.....\$1.85

## **CALCEOLARIA**

Our seed is produced by the foremost specialists the world over.

**Ruby Queen.** Bright red, medium sized flowers on vigorous plants make this splendid hybrid an excellent pot plant.

Tr. Pkt.....\$1.25    1/128 oz.....\$2.75

**A.B.C. Multiflora Nana Mixture.** Dwarf, compact growth. Medium size brightly colored flowers. A great favorite with the trade.

Tr. Pkt.....\$1.25    1/64 oz.....\$4.40    1/32 oz.....\$8.00

**Triumph Mixed.** A special florists selection. Medium dwarf in growth, producing an exceptional assortment of colors and shades. Highly recommended.

Tr. Pkt.....\$1.25    1/64 oz.....\$2.75    1/32 oz.....\$5.00

**ABC Tigered Hybrids.** Large, beautifully tigered flowers in shades of bronze, yellow and red. Dwarf, compact plants are very uniform.

Tr. Pkt.....\$1.25    1/64 oz.....\$3.50    1/32 oz.....\$6.00

**Cloth of Gold.** Golden yellow, medium large flowers. Very showy and free flowering.

Tr. Pkt.....\$1.25    1/64 oz.....\$2.75    1/32 oz.....\$5.00

## **CALCEOLARIA (Continued)**

**Flower Cloud.** Small flowers in shades of bronze, orange and yellow are borne freely on large heads. Plants are bushy.

Tr. Pkt.....\$1.50    1/128 oz.....\$3.50

## **CALLIOPSIS (Tickseed)**

A very free flowering annual which will bloom till frost if the old flowers are removed frequently.

Tr. Pkt.....25c    Oz.....90c

**Gold Crest.** Large, golden yellow, semi-double flowers with a reddish brown zone. 18 in.

Tr. Pkt.....25c    Oz.....90c

**Golden Crown.** Rich golden yellow, with a shining maroon central zone. 2 ft.

**Tall All Double Mixed.** Semi-double and double flowers are produced on long, graceful stems. 3 ft.

Tr. Pkt.....20c    Oz.....70c

**Dwarf Mixed.** Showy, compact plants which are ideal for bedding. 9 to 12 in. Tr. Pkt.....15c    Oz.....50c

**PERENNIAL CALLIOPSIS** (See *Coreopsis*) Page 36

## **CAMPANULA (Annual Canterbury Bells)**

Plants grow from two to two and a half feet tall, each plant having from six to eight spikes of blooms. Seed planted in February blooms in July.

**Choice Mixed.** Contains dark blue, light blue, pink, rose and white. Tr. Pkt.....20c    ¼ oz.....35c    Oz.....95c

## **CANARY BIRD VINE**

**Tropaeolum Canariense.** Flowers bright canary yellow.

Tr. Pkt.....20c    Oz.....50c

# CALENDULA

## **SINGLE FLOWERED**

**Nova.** See novelties. Fine cutflower.

Tr. Pkt.....40c    ¼ oz.....60c    Oz.....\$1.75

## **PACIFIC BEAUTY**

An improved type of *Calendula* with uniformly large flowers of better formation, longer and straighter stems, more clear colors and more resistant to midsummer heat than the other out-door varieties. Especially fine for cutting and also good for bedding.

**Apricot Beauty.** Attractive two-toned apricot.

**Cream Beauty.** Creamy-white shading to soft light yellow.

**Lemon Beauty.** Pure lemon yellow, wide graceful petals.

**Persimmon Beauty.** Brilliant true persimmon, orange.

**Pacific Beauty Mixed.** A blend of the above varieties.

Tr. Pkt.....40c    ¼ oz.....60c    Oz.....\$1.60

## **FORCING VARIETIES**

Plan for the main crop to come in late December and January. For this crop seed is usually sown late in July in northern greenhouses. An early fall sowing will provide a fine crop in February and March.

**A. B. C. Improved Sensation (Campfire).** One of the best *Calendulas* for cut-flower purposes. Flowers very large, deep orange with scarlet sheen, light center.

**Apricot.** Rich apricot or straw color with a finely contrasting brown center. Inclined to occasionally produce orange petals with the apricot.

**Gold.** Deep golden yellow, long-stemmed and large flower with light center. Stem, size, and color in this are outstanding.

**Improved Long Orange.** The largest flowered and longest stemmed *Calendula*. Clear bright orange with light eye.

**Lemon Queen.** Clear medium deep yellow with a dark brown center.

**Masterpiece.** Clear rich orange with an attractively contrasting dark brown center. Extra long stems.

Tr. Pkt.....40c    ¼ oz.....70c    Oz.....\$2.25

**ABC Special Forcing Mixed.**

Tr. Pkt.....40c    ¼ oz.....60c    Oz.....\$1.65

## **BEDDING VARIETIES**

**Chrysantha or Sunshine.** Clear buttercup yellow, petals long, broad and drooping.

**Improved Orange Shaggy.** Deep orange, lighter center, petals long and deeply fringed.

**Lemon Queen.** Light.

Tr. Pkt.....20c    ¼ oz.....35c    1 oz.....95c

**Orange King.** Rich orange-red, dark center.

**Radio.** Bright orange with quilled petal.

**ABC Bedding Mixture.** A fine blend of bedding varieties.

Tr. Pkt.....20c    ¼ oz.....35c    1 oz.....95c    4 oz.....\$3.00





**Carnation Chabaud's Giant Improved**

## CANDYTUFT

### HYACINTH FLOWERED

**A. B. C. Giant White.** Our select strain provides excellent cut flowers under glass. A January sowing makes Mother's Day nicely.

Tr. Pkt.....25c Oz.....90c ¼ lb.....\$2.90 Lb.....\$9.00

### UMBELLATA

Dwarf bushy plants 1 foot tall.

<b>Carmine</b>	<b>Lavender or Lilac</b>	<b>Rose Cardinal</b>
<b>Crimson</b>	<b>Flesh Pink</b>	<b>White</b>
<b>Finest Mixed.</b>	Tr. Pkt.....20c	1 oz.....60c 4 oz.....\$1.70

**PERENNIAL CANDYTUFT** (See *Iberis* Page 38)

## CARDINAL CLIMBER

**Hybrids.** Rapid growing annual climber, producing a profusion of brilliant cardinal red flowers. To hasten germination file or cut notch in seed.

Tr. Pkt.....25c ¼ oz.....60c Oz.....\$2.00

## CARNATION

**A. B. C. Giant Perpetual Flowering Mixture.** This gold medal hybrid mixture may be grown outdoors during the summer, if disbudded. Strongly clove scented. Tr. Pkt.....50c ¼ oz.....\$1.25

**A.B.C. Camellia Flowered.** See Novelties, page 3.  
Tr. Pkt.....50c ½ oz.....\$2.25

**Enfant de Nice.** Preferred by many. Color comes about 75% true from seed and about 90% of plants come double.

<b>Red</b>	<b>Scarlet</b>	<b>Rose</b>	<b>Pale Pink</b>	<b>Salmon</b>	<b>White</b>	<b>Striped</b>	<b>Mixed</b>
Tr. Pkt.....50c	½ oz.....\$2.15						

**Chabaud's Giant Improved Strain.**

**Apricot.** (New).

<b>Cardinal Red</b>	<b>Deep Rose</b>	<b>Flesh</b>	<b>Rose Pink</b>	<b>White</b>	<b>Formula Blend</b>
Tr. Pkt.....40c	¼ oz.....\$1.00				

**A.B.C. Giant Malmaison.** Very early flowering, giving an abundance of bloom within five months from planting. The flowers are very fragrant, sturdy, comparable to greenhouse plants. Excellent imported strain.

Tr. Pkt.....40c ¼ oz.....\$1.25 Oz.....\$3.75

**Marguerite (Special Double Mixed).** Best American strain. 16-20" plants in a rich variety of colors.

Tr. Pkt.....30c ¼ oz.....70c Oz.....\$2.40

**CASTOR BEAN** (See *Ricinus*) Page 28

## CELOSIA CRISTATA (Cockscomb)

These do best on light soil which has had no commercial fertilizer for at least a year.

**DWARF.** Excellent for pots and bedding.

**Empress.** Bright red; dark foliage.

**Glasgow Prize.** (Pres. Thiers). Dark crimson; green foliage.

**Golden Yellow.** Soft golden yellow.

**Finest Mixed.** All colors with dark and light foliage.

Tr. Pkt.....30c ¼ oz.....70c Oz.....\$2.40

**TALL.** Fine cut flowers, may be dried.

**Royal Velvet.** Rich carmine-crimson. Early blooming, foliage is bronzy green with reddish margins. Tr. Pkt...25c ¼ oz...80c Oz...\$3.00

**Crimson.** Tr. Pkt.....25c ¼ oz.....50c Oz.....\$1.75

**Mixed.** Tr. Pkt.....20c ¼ oz.....30c Oz.....\$1.00

## CELOSIA GILBERT'S STRAIN

Ideal for florist work from corsages to sprays and baskets; also for the home gardens and park bedding purposes. Will last indefinitely as a pot plant. Makes lovely winter bouquets if cut and dried.

**Harlequin.** When small, the flowers are pink tipped gold turning to salmon, then to a bright shell pink when fully developed. Bushy uniform plants with bright green foliage, 18 inches.

**Crimson Gold.** (New). Beautiful crimson velvet, tipped with yellow. Originator's seed. Tr. Pkt. (300 seeds).....75c

**Green Gold.** Sparkling silver tipped with light rose touched with gold. Splendid in bouquet work, dries well and takes dye perfectly. 2 ft.

**Maple Gold.** Color varies from light to dark pink, tipped with pure gold. An excellent cut flower. 2½ to 3 ft.

**Rose Beauty.** Very striking deep rose pink on a silver base. Non-branching unless pinched. Color keeps perfectly when flowers are used fresh or dried. 3 to 4 ft.

**Gilbert's Strain Mixed.**

Originator's seed. Tr. Pkt. (300 seeds).....50c

## CELOSIA PLUMOSA (Ostrich Plume)

Plants produce brilliant silky plumes and are very free flowering.

**DWARF.** Fine for bedding and pot plants.

**Fire Feather.** Rich fiery crimson. 12 inches.

**Golden Feather.** Deep yellow. 15 inches.

**Mixed.**

Tr. Pkt.....30c ½ oz.....75c ¼ oz.....\$1.40 Oz.....\$4.40

**TALL.** Excellent for cut flowers.

<b>Crimson</b>	<b>Fiery Red</b>	<b>Scarlet</b>	<b>Yellow</b>
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**Thompsoni Magnifica.** The choicest mixture of the feathered. 2 feet.

Tr. Pkt.....25c ¼ oz.....65c Oz.....\$2.25

**Golden Fleece.** (New). Giant stems with clear golden spikes.

**Pampas Plume** (See Novelties)

Tr. Pkt.....30c ¼ oz.....\$1.30 Oz.....\$4.00

## CELOSIA CHILDSII (Chinese Woolflower)

**Childsii.** Well branched plants, have distinctive round wooly flower heads, 3 ft.

<b>Crimson</b>	<b>Rose</b>	<b>Yellow</b>	<b>Mixed</b>
Tr. Pkt.....25c	¼ oz.....50c	Oz.....\$1.75	



**Celosia Gilbert's Strain**





**Chrysanthemum Carinatum Rainbow Mixture**

## CENTAUREA

All except Dusty Miller may be used for greenhouse forcing. Sown in January and spaced 8 x 8 inches, they will produce valuable cut flowers for Mother's Day, and Memorial Day. They respond well to additional light. Grow cool. Fine cut flowers, can also be had from outdoor plantings.

### CYANUS (Bachelor Button or Cornflower)

**A. B. C. GIANT DOUBLE STRAIN.** We offer an especially select florist strain with very large double flowers and intensified color.

**Black Boy.** Rich maroon.

**Blue Boy.** Double blue.

**Pinkie.** Deep pink.

**Red Boy.** Deep red.

**Snow Man.** White.

**Special Mixed.**

Tr. Pkt. ....	20c	Oz.....	65c
4 oz. ....	\$2.20	Lb.....	\$6.50

### IMPERIALIS (Sweet Sultan)

Giant exquisitely fringed thistle-like flowers on long stems. Sweet scented.

**Deep Lavender**

**Brilliant Rose**

**White**

**Giant Mixed**

**Suaveolens (Yellow Sweet Sultan or Grecian Cornflower).** Large, bright yellow flowers sweetly scented and a popular sort for cutting; lasting well.

Tr. Pkt.....	20c	1/4 oz.....	30c	Oz.....	90c
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### DUSTY MILLER (White Leaved)

For borders, vases, blankets, etc.

**Candidissima.** Silver gray foliage. 6 inch.

Tr. Pkt.....	60c	1/4 oz.....	\$1.10	Oz.....	\$4.00
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**Gymnocarpa.** Fine, silvery foliage. 24 inch.

Tr. Pkt.....	20c	Oz.....	65c	4 oz.....	\$2.30	Lb.....	\$6.25
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**Maritima Diamond Improved. (Cineraria).**

Tr. Pkt.....	20c	1/4 oz.....	30c	Oz.....	\$1.00
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### AMERICANA

Immense thistle-like blooms. Splendid for cutting. 3 ft.

**Lilac**

**White**

Tr. Pkt.....	15c	Oz.....	65c	4 oz.....	\$2.00
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### CHRISTMAS CHERRY (Solanum)

**New Patterson.** Compact bushes, freely producing large radiant scarlet cherries well above the foliage. Fine for the smaller sized pot specimens. Tr. Pkt.....75c 1/4 oz.....\$1.50 Oz.....\$5.00

**Masterpiece.** Cleveland Cherry. A uniform, bushy strain.

Tr. Pkt.....	50c	1/4 oz.....	\$1.25	Oz.....	\$3.75
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### CHRISTMAS PEPPER (Capsicum)

**A.B.C. Reselected Florist's Strain.** Contains many new interesting small fruited varieties. Highly attractive plants.

Tr. Pkt.....	75c	1/4 oz.....	\$1.75
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### CHRYSANTHEMUM (Annual)

An excellent cut flower with great lasting qualities, if kept in water for 24 hours before shipping. Responds well to additional light.

#### CARINATUM

**Northern Star.** Giant white, yellow zone. Brown eye.

Tr. Pkt.....	20c	Oz.....	65c
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**Rainbow Mixture.** A wide range of tones of purple, scarlet, orange, salmon, rose, yellow, white. All beautifully zoned round the dark discs with small yellow edges. 2 ft.

Tr. Pkt.....	35c	1/4 oz.....	70c	Oz.....	\$2.20
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#### CORONARIUM

**Double Mixed.** Button shaped, double blooms, 1 1/2 inches across, in white and shades of yellow. 18 inches.

Tr. Pkt.....	15c	Oz.....	60c
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#### INODORUM

**Bridal Robe.** Pure white and fully double with very fine foliage. 20 in.

**Snowball.** Large ball-shaped, pure white, double flowers. Compact.

Tr. Pkt. ....	25c
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#### SEGETUM

**Eastern Star.** Light yellow. 18 in.

**Single Mixed.**

Tr. Pkt.....	20c	Oz.....	65c
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**Christmas Cherry**



**Cineraria Erfurt Dwarf**

## A. B. C. CINERARIA

For excellent flowering plants in January sow seed in June. A September sowing will flower March to April, use sterilized soil.

**MAMMOTH. New.** Giant flowered, semi-tall, compact plants. Very rich mixture. Outstanding novelty.

Seed for 500 plants.....\$2.00      Seed for 1,000 plants.....\$3.50

**SITER'S HYBRIDS. New.** A distinct improvement over the original Siter's strain. Crop failure.

**ERFURT DWARF. New.** Last Perfection of Cinerarias. Only 8" tall and 10-12" in diameter, for small pots. Gold medal exhibition Hanover 1951. Originator's strain.

**MATADOR.** Deep copper scarlet.

**PANDORA.** Rosy-red.

Each of the two ½ Tr. Pkt.....\$1.75      Tr. Pkt.....\$3.00  
1/64 oz.....\$4.50      1/32 oz.....\$7.50

**Finest Mixed.** Best color balance, including many unusual ones.  
Tr. Pkt.....\$1.50      1/64 oz.....\$2.50      1/32 oz.....\$3.75

**A. B. C. DE LUXE MIXTURE.** A good assortment containing select strains of Cremer's Prize and Siter's Rainbow.

Tr. Pkt.....\$1.50      1/64 oz.....\$2.50  
1/32 oz.....\$4.75      1/16 oz.....\$8.50

**CREMER'S IMPROVED PRIZE STRAIN.** One of the best known florist strains. All quantities in originator's packets. Tr. Pkt. (1,000 seeds) \$1.75

1/64 oz.....\$2.50      1/32 oz.....\$4.50      1/16 oz.....\$8.25      ½ oz.....\$15.50

**SITER'S RAINBOW STRAIN.** Immense heads of medium large flowers ranging from bright-eyed types to pastel shades. Compact.

Tr. Pkt.....\$2.00      1/64 oz.....\$2.75  
1/32 oz.....\$5.00      1/16 oz.....\$9.00

**"GOLD CENTER."** Golden yellow stamens contrast with the bright petals to make this Multiflora Nana selection distinctively different.

Tr. Pkt.....\$1.25      1/64 oz.....\$2.25      1/32 oz.....\$4.00

**MULTIFLORA NANA MIXED.** A very dwarf, small flowered strain of exceptional merit.

Tr. Pkt.....\$1.00      1/32 oz.....\$3.00

**MAXIMA NANA.** Includes every desirable shade in pinks, reds, blues, in delicate pastel tints to solid bright shades and beautiful eyed types. Good medium size.

Tr. Pkt.....\$1.75      1/64 oz.....\$2.75      1/32 oz.....\$5.00

**BERLIN MARKET MIXED. (Weissensee).** A white-eyed Improved German strain with dwarf growth and medium flower head.

Tr. Pkt.....\$1.00      1/64 oz.....\$2.00      1/32 oz.....\$3.75

**A. B. C. PRIZE HYBRIDA GRANDIFLORA.** The world's best strain of the large flowering type.

**Blue Shades      Crimson      Salmon Shades      Pure White**

All above varieties: Tr. Pkt.....\$1.00      1/64 oz.....\$2.75

**Prize Mixture.** Tr. Pkt.....\$1.00      1/64 oz.....\$2.50

## CLARKIA

### ELEGANS DOUBLE

A very useful spring cut flower. For indoor culture sow in January. Grow in light soil in shallow benches or flats, spacing plants 8 x 10 inches. Water sparingly.

	Tr. Pkt.	¼ oz.	Oz.
Alba. White .....	25c	35c	\$1.10
Brilliant. Bright carmine .....	25c	35c	1.10
Mayblossom. Deep rose .....	25c	35c	1.10
Orange King. Orange-scarlet .....	25c	35c	1.10
Salmon Queen. Rich salmon-pink .....	25c	35c	1.10
Scarlet Queen. Glowing scarlet .....	25c	35c	1.10
A. B. C. Special Mixed .....	25c	35c	1.10

## CLEOME PUNGENS (Spider Plant)

**Helen Campbell.** New. Pure white sport of popular Pink Queen. Flowers in huge clusters are a little earlier than Pink Queen.

Tr. Pkt.....50c      ¼ oz.....\$1.15      Oz.....\$3.50

**Pink Queen.** Color a refreshing pink, turning to white. Foliage of beautifully airy appearance.

Tr. Pkt.....35c      ¼ oz.....60c      Oz.....\$2.00

## COBAEA SCANDENS (Cup and Saucer Vine)

Plant seeds edgewise to insure good germination.

Blue. Tr. Pkt.....25c      ¼ oz.....55c      Oz.....\$1.65

## COCKSCOMB—(See Celosia) Page 12

## COLEUS

Brilliantly colored foliage plants for beds, borders, pots or edging. About 20 inches.

**A. B. C. De Luxe Mixture.** Outstanding selection of the very best.

½ Tr. Pkt.....\$1.00      Tr. Pkt.....\$1.75

1/64 oz.....\$2.75      1/32 oz.....\$5.00      1/16 oz.....\$9.00

**A. B. C. Rainbow Mixture.** A good mixture of highly colored types.

Tr. Pkt.....75c      1/16 oz.....\$3.25      ½ oz.....\$5.50

**Glory Vichy.** Good range of colors. Large leaves. Beautifully marked.

Tr. Pkt.....65c      1/16 oz.....\$2.50      ½ oz.....\$4.50

**Exhibition Mixed.** Tr. Pkt...\$1.00      1/16 oz...\$3.75      ½ oz...\$6.50

## COSMOS

**SENSATION.** A very early giant flowering variety. Blooms are 4 to 6 inches across. Height, 6 feet.

**Radiance.** Most striking. Bi-colored flowers of deep rose with rich crimson zone. Tr. Pkt. ¼ oz. Oz.  
25c 55c \$1.75

**Dazzler.** Excellent crimson ..... 20c 50c 1.60

**Pinkie.** Beautiful pink ..... 20c 40c 1.25

**Purity.** Pure white ..... 20c 40c 1.25

**Mixed** ..... 20c 40c 1.25

### EXTRA EARLY DOUBLE CRESTED.

**Finest Mixed** ..... 30c 60c 2.15

### KLONDYKE

**Fiesta. (New).** All-American Selection. Gold striped scarlet. Semi-double. Tr. Pkt.....60c      ¼ oz.....\$1.50      Oz.....\$5.00

**Orange Ruffles.** Semi-double. Vivid golden orange. Butterfly-like semi-double flowers. Tr. Pkt.....15c      ¼ oz.....35c      Oz.....\$1.00

**Yellow Flare.** Beautiful butter yellow. 3 to 4 ft. Very good bloomer.

Tr. Pkt.....15c      ¼ oz.....35c      Oz.....\$1.00

## CROSSANDRA UNDULIFOLIA

An exquisitely attractive pot plant, easy to grow, beginning to show its shining orange-salmon flowers already at a quite early stage. The foliage is well shaped, glossy dark green. Crossandra flowers throughout the summer without special care. It can be sown any time, but needs much warmth.

50 seeds.....\$2.50      100 seeds.....\$4.50      200 seeds.....\$8.00



# A. B. C. CYCLAMEN

## Supreme Quality Seed

We offer the best strains of leading specialists. Should you prefer a special grower in America or Europe we will gladly procure his seed for you.

	Per 100	Per 1000
America Improved. Salmon scarlet.....	\$2.50	\$22.00
Baardse's Wonder. Salmon with white border.....	2.40	21.00
Bonfire (Vuurbaak) Brilliant Salmon-scarlet.....	2.50	22.00
Carmine Salmoneum. Fiery salmon.....	2.50	22.00
Cattleya. Lilac .....	1.90	17.50
Dark Red .....	1.90	17.50
Daybreak. Light salmon-rose .....	2.40	19.50
Glowing Bright Red.....	1.90	17.50
Lavendar .....	1.90	17.50
Light Red .....	1.90	17.50
Mozart. Deep pink.....	2.50	22.00
Orange Beauty. Orange-vermilion .....	2.30	21.00
Perle of Zehlendorf (Glory of Wandsbek)		
Dark salmon pink.....	2.40	20.00
Pink Pearl. Salmon-Pink.....	2.50	22.00
Pure White .....	1.90	17.50
Rose of Aalsmeer. Bright deep rose.....	1.90	17.50
Rose of Marienthal. Soft rose with carmine eye.....	1.90	17.50
Rose of Zehlendorf. Light salmon pink.....	2.40	20.00
Roseum. Lilac pink.....	2.20	19.00
Ruffled Lavender .....	2.50	22.00
Ruffled Salmon .....	2.50	22.00
Ruffled White .....	2.50	22.00
Ruffled Mixed .....	2.50	22.00
Saffron Red .....	2.50	22.00
Saffron Red Silver Edged.....	2.50	22.00
Salmoneum Oculatum. Pale pink with carmine eye..	2.20	19.00
Sylphide. Soft lilac.....	2.20	19.00
White with carmine eye.....	1.90	17.50
A.B.C. Special Mixture .....	1.90	17.50
Rococo Grandiflora. Bright mixture.....	2.30	19.50

250 of a Variety at 1.000 Rate. Less 5% on orders for

10,000 to 25,000 seeds; less 10% on over 25,000 seeds.

### VOGT'S DOUBLE-FLOWERED CYCLAMEN

The huge double flowers composed of 10 to 16 petals are very showy and are borne well above beautiful foliage. Excellent for pot plants. Try using double cyclamen blooms for unusual corsages.

**Admiration.** Salmon-rose with shaded eye.

<b>Rosea.</b> Soft rose with coral cast.	<b>Prosperity.</b> Flaminga rich rose.
<b>Cerise Brilliant.</b> Rich cerise-red.	<b>Vogt's Special Mixed.</b>
100 seeds.....\$3.75	500 seeds.....\$14.50
250 seeds..... 7.75	1,000 seeds..... 25.50

### CUPHEA (Cigar Plant)

**Firefly.** Semi-dwarf, compact growing annual 10 to 12" high with a spread of about 12 inches. Somewhat fluted in formation, a deep rosy scarlet color, deepening to almost purple at the center. Plants grow readily from seed and flower in five months.

Tr. Pkt.....30c	1/8 oz.....75c	1/4 oz.....\$1.25
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**A. B. C. Cyclamen**

### CYNOGLOSSUM (Chinese Forget-Me-Not)

AMABILE	Tr. Pkt.	1/4 oz.	Oz.
Blue Bird. Improved strain .....	25c	40c	\$1.20
Firmament. Bright blue flowers. Dwarf bushy plants, 15 in. Fine for bedding.....	30c	45c	1.40

### CYPERUS (Umbrella Plant)

Alternifolius .....	45c	90c	\$2.60
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### DAHLIA

#### DWARF

Easily grown from seed and will bloom the first year when sown early. Many new colors and forms may be obtained from seed.

**Improved Unwin Dwarf Hybrid.** Early flowering semi-double flowers in a varied assortment of colors. Our special strain produces bushy plants which are exceptional for pot plants or bedding.

Tr. Pkt.....30c	1/4 oz.....85c	Oz.....\$2.50	4 oz.....\$7.50
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**Coltness Hybrids.** Single type; very free-flowering, height 2 feet. Choice mixed colors.

Tr. Pkt.....30c	1/4 oz.....60c	Oz.....\$1.70
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**Mignon Mixed.** Nicely rounded single flowers in a wide range of colors including some bicolor and striped.

Tr. Pkt.....35c	1/4 oz.....70c	Oz.....\$2.20
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#### TALL. 3 to 5 ft.

**Giant Decorative Hybrids. Special Novelty Strain.** Outstanding.

Tr. Pkt.....60c	1/8 oz.....\$1.90	1/4 oz.....\$3.50	Oz.....\$9.50
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**Double Cactus Mixed.** A select strain of double and semi-double cactus-flowered blooms in many colors.

Tr. Pkt.....60c	1/4 oz.....\$2.00	Oz.....\$7.50
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**Double Large Flowering. Mixed,** from named varieties.

Tr. Pkt.....60c	1/4 oz.....\$2.00	Oz.....\$7.50
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**Pompon Mixed.** The smallest of all dahlias. Flowers are ball-shaped in a wide range of color on rather compact plants, 3 ft.

Tr. Pkt.....60c	1/4 oz.....\$2.00	Oz.....\$7.50
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**Fuchsia Finest Mixed****DIANTHUS**

Brilliantly colored, sweet scented blooms in a variety of flower forms. Very useful in beds, borders, rock gardens, edging and cut flowers. Flowers are produced freely from July until frost.

**TETRA HEDDENSIS**

This new class combines the large open flowers of *D. Heddewigii* with the rugged growth and long stems of *D. Chinensis*. More tolerant of extreme temperatures.

**Westwood Beauty.** Color ranges from fiery crimson to deep velvety red. Flowers 2 inches in diameter on long wiry stems. 16 inches.

**Finest Mixed.** Contains all the traditional Dianthus colors plus salmon. Flowers are 2 inches across, on 16 inch stems.

Tr. Pkt.....25c ¼ oz.....65c Oz.....\$1.90

**HEDDEWIGII (Pinks)**

**Fireball.** Double dark scarlet. One of the best.

**Snowdrift.** Double. Extra large flowered, pure white.

**A.B.C. Choice Double Mixed.**

Tr. Pkt.....25c ¼ oz.....50c Oz.....\$1.50

**Gaiety.** (Fringed.) A brilliant range of colors with large, attractive lacy flowers. Tr. Pkt.....50c Oz.....\$3.20

**SWEET WIVELSFIELD—Page 33**

**DIDISCUS (Lace Flower)**

**Coeruleus.** Delicate blue flowers. May be forced or grown outdoors. Flowers from July until frost. 2½ ft. Tr. Pkt.....20c Oz.....\$1.25

**Lace Veil.** New pure paper white variety. May be dyed any color, for this purpose superior to all others. Early long stemmed 2½' plants. Tr. Pkt.....40c ¼ oz.....\$1.00 Oz.....\$3.20

**DIMORPHOTHECA (African Daisy)**

Useful for rock garden and edging, these daisy-like flowers make fine cut flowers but they tend to close at night.

**Aurantiaca.** Orange. Tr. Pkt.....25c Oz.....\$2.20

**Aurantiaca Hybrids.** Mixed. Tr. Pkt.....25c Oz.....\$1.10

**Glistening White.** Large flowered. Tr. Pkt.....40c Oz.....\$3.50

**DRACAENA INDIVISA**

Long, narrow, gracefully arching green leaves. Very useful for window boxes, cemetery urns and bedding.

Tr. Pkt.....20c Oz.....60c ¼ lb.....\$1.65 Lb.....\$5.50

**DUSTY MILLER (See Centaurea) Page 13****ESCHSCHOLTZIA (California Poppy)**

**Golden West.** Yellow-orange center. Tr. Pkt.....15c Oz.....65c

**Choice Mixed.** All colors. Tr. Pkt.....20c Oz.....85c

**EUPHORBIA**

**Heterophylla (Mexican Fire Plant)** Tr. Pkt.....20c ¼ oz.....50c

**Variegata (Snow-on-the-Mountain)** Tr. Pkt.....15c Oz.....60c

**FEVERFEW (See Matricaria) Page 38****FORGET-ME-NOT (See Myosotis) Page 39****FUCHSIA**

**Finest Mixed.** Choice collection of single and double types. Imported seed. 250 seed.....\$3.30 500 seed.....\$5.50 1000 seed.....\$10.00

**GAILLARDIA PICTA (Blanket Flower)**

Dependable, profuse blooming plants 15 inches tall which stand dry, hot weather and produce brilliantly colored flowers. Excellent for cutting, beds and borders.

Tr. Pkt. Oz.  
**Indian Chief.** Single. Brilliant bronzy red.....20c \$1.10

**Picta.** Single mixed.....20c 1.00

**Lorenziana.** Double mixed .....20c 1.10

**Perennial Gaillardia.** See page 38.

**GERBERA (See Perennial Seeds) Page 38****BOOKS EVERY FLORIST SHOULD OWN**

**The Album of Designs—Funeral Flowers.** Handsome pictures of funeral pieces, many full-page size; assist greatly in taking funeral orders more quickly. Heavy waterproof cover with plastic spiral binding. 19th Edition.....\$2.00

**The Designer's Notebook.** Up-to-date methods of arranging funeral work, wedding bouquets, corsages and table flowers. Illustrated. For beginners, and experienced designers. 3rd Edition.....\$1.00

**Vogue in Flowers (new edition).** Contains many fine illustrations of the latest styling in wedding flowers, corsages, table decorations, etc., with new supplement "Wedding Customs and Etiquette." Heavy waterproof cover with plastic spiral binding. 8th Edition.....\$2.00

**Flower Craft** by Patricia Easterbrook Roberts. An illustrated handbook of basic information on the care and use of flowers, covering bouquets, corsages, decorations, weddings, potted plants, arrangements, and all other elements of floristry for professional and amateur.....\$2.95

**The Complete Book of Flower Arrangement** by F. F. Rockwell and Esther C. Grayson. A comprehensive volume on the art of flower arrangement. It is a direct, lucid step-by-step guide to making good floral displays. 89 Kodachrome reproductions and more than 100 black and white photographs, drawings and diagrams for making attractive displays.....\$4.95

**The Retail Florist** by John H. Liesveld. (1951). Forty-one chapters cover the establishment of a shop, legal aspects, equipment and decoration, inventories, retail policies, personnel, buying, selling, advertising, clerical details, care of flowers and plants and their uses, etc. 393 pages.....\$5.00

**Garden Flowers in Color** by Daniel J. Foley. A guide for the beginner and a reference for the advanced gardener, it contains accurately colored photographs of all the important garden annuals, perennials, flowering trees and shrubs, vines and bulbs, together with identifying descriptions and concise cultural directions. 350 photographs in full color; 320 pages.....\$3.95

**Garden Bulbs in Color** by McFarland, Hatton and Foley. A concise text describing each plant, evaluating its use for the average home garden, and giving the essential cultural information. Daffodils, tulips, lilies, dahlias, gladioli, hyacinths and a multitude of small spring bulbs are included. 275 color plates; 292 pages.....\$3.95

**Principles of Nursery Management** by Willis P. Duruz. A guide to the practice and study of nursery management. Seasonal operations have been stressed: preparation and planting in Spring, digging and grading in Autumn, storing and shipping in Winter. 136 pages.....\$3.50



## GLOXINIA

Generally sown in January, plants bloom within six months. The very small seed requires care in sowing. The finest strains are:

**A. B. C. Giants.** A new class of giant size and beautiful colors.

**A. B. C. Tigers.** New giant flowered, tigered and spotted. Outstanding for rich variety.

**Defiance.** The scarlet Gloxinia.

**Berlin Blue.** (Multiflora). Special free blooming strain.

**Berlin Red.** (Multiflora). Special free blooming strain.

**Hybrida Grandiflora.** Choicest mixed.

Tr. Pkt. .... \$1.25      6 Tr. Pkts. .... \$6.00

## GODETIA (Satin Flower)

Grow in shallow soil in the greenhouse. Outdoors this plant thrives in a cool moist location.

UPRIGHT SINGLE	Tr. Pkt.	Oz.
Duke of York. Scarlet on white.....	25c	\$1.75
Kelvedon Glory. Bright salmon-orange.....	25c	1.75
<b>DWARF DOUBLE</b>		
Sybil Sherwood. Bright salmon-pink edged white.....	25c	2.00

### SEMI DWARF

**Azalea Show.** Formula Mixture. Fully double, large flowers in rich colors cover the compact even plants.

Tr. Pkt. .... 30c      ¼ oz. .... 60c      Oz. .... \$2.00

### TALL DOUBLE (Grandiflora)

A.B.C. Choice mixed ..... 20c      1.10

## GOMPHRENA (Globe Amaranth)

Mostly used for freshly cut flowers but they may be dried for winter bouquets.

GLOBOSA	Tr. Pkt.	¼ oz.	Oz.
Dwarf Purple (Buddy), 6".....	30c	65c	\$2.00
Rubra, Purple .....	25c	40c	1.10
Mixed. ....	25c	40c	1.10

## GOURDS (Ornamental)

The ripened fruits in a wide variety of shapes have become very popular for home decoration.

**Large Varieties, Mixed.**      **Small Varieties, Mixed.**  
Tr. Pkt. .... 25c      Oz. .... 90c



**Godetia**

## GREVILLEA (Australian Silk Oak)

**Robusta.** Seeds should be sown in early spring with plenty of bottom heat and in a well drained, loose soil. Grown in a 60° house, 5-in. pot plants will be available by fall. Also, excellent in combinations where fine textured foliage is desired.

Tr. Pkt. .... 30c      ½ oz. .... \$1.90

## GYPSOPHILA (Baby's Breath)

Free blooming plants of easiest culture. Desirable for cutting to mix with other flowers. Several plantings can be made during the season at intervals of ten days' time, in order to have a succession of bloom.

ELEGANS	Oz.	4 oz.	Lb.	5 lbs.
Covent Garden Market. Extra large flowered, full petaled—flowers having 6 to 8 petals instead of the usual 4 to 5.....	30c	85c	\$2.50	\$10.00
London Market Improved. Slightly taller than Covent Garden Market and later... flowered .....	30c	85c	2.50	10.00
Paris Market. Standard medium size flowered strain .....	25c	70c	2.10	8.50
Carminaea. Bright carmine-pink. Rather small flowered .....	(Tr. Pkt., 20c) \$1.30	...	...	...
Rosea. Delicate pink.....	(Tr. Pkt., 20c) 1.30	...	...	...
Perennial Gypsophila. See page 38.				

## BOOKS EVERY FLORIST SHOULD OWN

**Commercial Flower Forcing**, by Alex Laurie and D. C. Kiplinger. Thorough treatise on growing crops in greenhouses for profit. Of special interest are chapters on greenhouse construction and heating, gravel culture, soils and fertilizers. 550 p., fifth edition. (1948).....\$5.00

**Soils and Fertilizers for Greenhouse and Garden**, by Alex Laurie and D. C. Kiplinger. Covers soil aeration, water supply, nutrient supply, sterilization, cover crops and composts, fertilizers for greenhouse crops and for outdoor crops. 120 p., 19 illus. (1946).....\$2.50

**Garden and Greenhouse Chrysanthemums**, by Alex Laurie and D. C. Kiplinger. Covers soils, fertilizers, gravel culture, greenhouse culture, insects and diseases, hardy chrysanthemums for the garden and breeding. 124 pages. (1946).....\$2.50

**Handbook of Fertilizers**, by A. F. Gustafson. Source, composition, effects and application of commercial fertilizers. 172 pages, revised edition .....\$2.00

**Standard Cyclopedia of Horticulture**, edited by L. H. Bailey. The one universal and invaluable authority on every horticultural question. It presents concisely but thoroughly all the kinds, characteristics, and methods of cultivation of the plants grown in the United States and Canada. A handsome three-volume set. 4000 illus.; 3,637 pages.\$40.00

**Florist Crop Production and Marketing**, by Kenneth Post. The application of scientific facts to production and marketing problems. Part 1: The florist business. Structure of plants. Production of new varieties. Temperature, light and growth. Effect of gases. Soils and fertilizers. Water uses and application. Propagation. Cut flowers. Potted plants. Part 2: Plant culture, marketing and practices for growing 167 different crops. Includes season and areas of production. 891 p., 427 illus. (1949) .....\$10.00

**Propagation of Plants**, by M. G. Kains and L. M. McQuesten. Reference book for greenhouse and nursery work. Includes seed testing, layerage, division, separation, rooting cuttings by growth-stimulating substances, greenhouse fumigation, grafting, budding, stock and scion handling, nursery management and pest control. 375 illus. 637 p..\$4.50

**Hortus II: A Concise Dictionary of Gardening** by L. H. and Ethel Zoe Bailey. Easy to use, accurate, and non-technical, this great book comes closer than any other single volume to answering all your garden questions. It contains complete information on every kind of ornamental, fruit and vegetable plant grown today. 778 pages.\$10.00





**Morning Glory Heavenly Blue**

## HELICHRYSUM (Strawflowers)

Our strain produces large, perfect double flowers. Excellent for cut flowers, either fresh or in dried state. 2 1/2 ft.

<b>Fireball.</b> (Scarlet)	<b>Rose Pink</b>	<b>White</b>
<b>Golden Ball</b>	<b>Salmon-Pink</b>	<b>Violet</b>
<b>Canary Yellow</b>	<b>Silver-Pink</b>	<b>Mixed.</b> All colors.
Tr. Pkt.....20c	1/4 oz.....40c	Oz.....\$1.25

## HELIOTROPE

Can be flowered from seed in four months. Very fragrant.

<b>Marine.</b> (New) Deep violet, very large umbels. Heavy scent.		
Tr. Pkt.....50c	1/16 oz.....\$1.00	1/4 oz.....\$3.50
<b>Lemoine's Giant.</b> Excellent large flowering strain.		
Tr. Pkt.....40c	1/4 oz.....\$1.00	

## HUNNEMANNIA

**FUMARIAEFOLIA** (Bush Escholtzia)

<b>Sunlite.</b> Brilliant canary-yellow, semi-double.		
Tr. Pkt.....25c	1/4 oz.....45c	Oz.....\$1.40

## ICE PLANT (See *Mesembryanthemum*)

### Page 22

## IMPATIENS

Provide splendid pot plants for Christmas sales. Also useful for porch boxes and bedding if given partial shade. Our seed is imported from a European specialist.

**Holstii Glow in Shadow.** New. Dark carmine scarlet, very dwarf, beautiful. Tr. Pkt. ....90c

<b>Holstii Hybrids Mixed.</b> A fine mixture of the best colors.		
Tr. Pkt.....50c	1/32 oz.....65c	1/16 oz.....\$1.15
<b>Sultani Hybrids Mixed.</b>		
Tr. Pkt.....50c	1/32 oz.....65c	1/16 oz.....\$1.15

**Sultani Nana Beauty of Klettgau.** New. Very dwarf, even, broad habit, abundant fiery scarlet flowers. Tr. Pkt. ....90c

<b>Sultani Dwarf Mixed.</b> A fine range of bright colors. Plants are very dwarf.		
Tr. Pkt.....\$1.25	1/32 oz.....\$2.00	1/16 oz.....\$3.50

## IPOMEA (Morning Glory or Moonflower)

**Blue Star.** Flowers are large light blue with dark blue ribs which form a star. A new color combination.

Tr. Pkt.....35c	1/4 oz.....60c	Oz.....\$1.50
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**Darling.** New. Striking wine red with snow white throat.

Tr. Pkt.....25c	1/4 oz.....50c	Oz.....\$1.50
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**Heavenly Blue Improved (Clark's Early Flowering).** Very popular. Bright sky blue flowers 4 to 5 inches across with white and yellow throats. Will flower early in pots for spring sales.

Tr. Pkt.....25c	Oz.....75c	1/4 lb.....\$2.20
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**Imperialis Fringed Mixed.** Finest colors.

Tr. Pkt.....25c	Oz.....75c	1/4 lb.....\$2.20
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**Pearly Gates.** Large flowers of clear satin white with cream throat. As vigorous and free flowering as Heavenly Blue with which it is often grown for contrast.

Tr. Pkt.....35c	1/4 oz.....50c	Oz.....\$1.50
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**Climbing Scarlett O'Hara.** New. A rich dark wine red. Flowers are not as large as Heavenly Blue but are good sized.

Tr. Pkt.....30c	1/4 oz.....50c	Oz.....\$1.60
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**Noctiflora. (Moon Flower).** A night bloomer which usually stays open until noon the next day. We offer both pink and white varieties.

<b>Giant Pink</b>		
Tr. Pkt.....20c	Oz.....60c	

## KALANCHOE

An excellent pot plant possessing shades of brilliant scarlet flowers. Sow in January, may be flowered for Christmas with proper shading.

**Brilliant Star.** An intense bright red with flowers about three times the size of Blossfeldiana and borne well above the foliage, so that they may be used as cut flowers. Also, ideal for pots.

Tr. Pkt.....\$1.50	1/128 oz.....\$3.60	1/64 oz.....\$6.75
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**Tom Thumb.** Bright scarlet flowers cover the dwarf plants actually enveloping the entire plant starting at its base.

Tr. Pkt.....\$1.50	1/64 oz.....\$5.50	1/32 oz.....\$10.00
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## KOCHIA (Summer Cypress or Burning Bush)

**Trichophylla.** Light green foliage, symmetrical oval plants. Fine for summer hedges. Turns carmine in fall. 3 ft.

Tr. Pkt.....15c	Oz.....35c	4 oz.....90c
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## LANTANA

Desirable for bedding, pot culture, vases. Seed must be given bottom heat and sown early.

<b>Dwarf Compacta, Mixed.</b>	Tr. Pkt....25c	1/4 oz.....60c	Oz.....\$1.80
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**Kalanchoe Brilliant Star**



# Larkspur

In northern states an outdoor sowing in early September will give the best blooms in the Spring, however if sown as early in the Spring as the ground can be worked, fine spikes may be obtained. Sowings are usually made in January for a crop under glass. The base branching types are the best for cutting.

## REGAL

Very long spikes of huge well spaced florets make this new strain of Florist's Market larkspur distinctive. Some flowering trials proved this strain to be superior.

Dark Blue	Pink	White
Lilac	Rose	Regal Mixed
Tr. Pkt....40c	1/4 oz....60c	Oz....\$1.80
4 oz....\$6.00	Lb....\$18.00	

## SUPREME

A new base branching strain with a tremendous main flower spike formed by many fully double large flowers with broad petals closely spaced on the stem. Outstanding new colors.

Dark Blue. Rich violet purple.	Rose. Pure, deep rose.
Light Blue. New. Beautiful long spikes.	Salmon. A true strong shade.
Lilac. Clear lilac.	White. A truly pure white.
Pink. Clear pink.	

### Supreme Mixture.

Tr. Pkt....40c	1/2 oz....\$1.00	Oz....\$1.80	4 oz....\$6.00	Lb....\$18.00
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## GIANT HYACINTH—FLOWERED

Non branching, 45 inch, much earlier than the other tall Larkspurs.

Indigo	Light Violet	Purple	Rose	Mixed
Tr. Pkt.....50c	1/4 oz.....\$1.00	1/2 oz.....\$1.75	Oz.....\$3.00	

## LOBELIA

The compact varieties are fine for beds, borders, edging and rock gardens. The trailing varieties are excellent in flower boxes, hanging baskets and pots. Enjoys semi-shade.

### COMPACTA. 4-6 in.

**Cambridge Blue.** Light blue with green foliage.

**Crystal Palace.** Dark blue, dark foliage.

**Blue Gown.** Clear deep blue, without eye, fine compact habit.

**Blue Stone. Re-selected.** Large flowers, brilliant mid-blue.

**Emperor William.** Gentian blue, light foliage.

**Mrs. Clibran Improved.** Deep blue, white eye.

<b>Pumila Splendens, Bedding Queen.</b> Dark blue with white eye.			
Tr. Pkt.....	30c	1/4 oz.....	90c    Oz.....\$3.20

**Finest Mixed.** A wide variety of shades in the Compacta class.

Tr. Pkt.....25c	1/4 oz.....75c	Oz.....\$2.25
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### PENDULA (Trailing).

**Hamburgia.** Sky blue with a white eye.

Tr. Pkt.....35c	1/4 oz.....\$1.25
-----------------	-------------------



**You'll find the new types of Base Branching Larkspur the best.**

## IMPERIAL OR BASE BRANCHING

The standard strain. We list only the most called for varieties.

<b>Blue Bell.</b> Azure blue.	<b>Pink Perfection.</b> Soft pink.
<b>Carmin King Impr.,</b> bright carmine rose.	<b>Pink King.</b> Salmon-rose.
<b>Dazzler,</b> carmine.	<b>Sweet Lavender.</b> Lavender-blue.
<b>Gloria Improved.</b> Bright rose-pink.	<b>White King.</b> The best clear white.
<b>Lilac King.</b> Extra fine lilac shade.	<b>Finest Mixed.</b>

Tr. Pkt.....30c	1/4 oz.....45c	Oz.....\$1.10
4 oz.....\$3.65	Lb.....\$11.00	

## SUPER MAJESTIC

The tallest of the base branching larkspur. Added height gives this type an advantage for outdoor growing. Plants are very vigorous and the flower spikes as well as the stems are very long.

Deep Carmine	Lavender	Rose Pink	Mixed
Deep Salmon Pink	Light Blue	Pink	White
Tr. Pkt.....30c	1/4 oz.....45c	Oz.....\$1.10	
4 oz.....\$3.65	Lb.....\$11.00		

## LOBELIA PENDULA (Continued)

**Sapphire.** Large deep navy-blue with white eye.

Tr. Pkt.....35c	1/4 oz.....\$1.10
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**PERENNIAL LOBELIA.** See page 38.

## LOVE IN A MIST (See Nigella) Page 22

## LUPINUS (Lupins)

A January sowing will flower in May. Lupines are difficult to transplant and should be sown in pots or in the beds where they are to bloom. They prefer lime free, moist soil and partial shade.

### HARTWEGI GIANTS OR KING

An improved strain. 3 to 4 feet high, with base branching habit. Each plant produces from 4 to 6 spikes of bloom, which are much larger than the old type.

<b>Dark Blue.</b> Rich Oxford blue.	<b>Sky Blue.</b> Clear light blue.
<b>Heliotrope.</b> Rosy purple.	<b>White.</b> Glistening pure white.
<b>Choice Mixed.</b>	
Tr. Pkt.....25c	Oz.....95c      Lb.....\$8.20

**PERENNIAL LUPIN.** See page 39.



# A. B. C. Supreme

## TALL AFRICAN

✓ On this page we've checked the most popular varieties for cutting.

### ALL DOUBLE BALL (Fistulosa)

A very fine tall branching strain with large, quilled type flowers which are almost 100% double. Very popular for indoor forcing in the spring. About 2½ feet.

✓ **Orange.** An exceptionally fine cut flower with long stiff stems. Color is brilliant orange.

✓ **Lemon.** Has the same large ball shaped flowers as the above but they are light yellow in color.

**All Double Mixed.** A fine blend of the above two varieties with some varying shades of lemon and orange.

Tr. Pkt.....30c    ¼ oz.....60c    Oz.....\$1.65    4 oz.....\$5.25

### CARNATION FLOWERED

Odorless Foliage.

✓ **Burpee Gold Improved.** Large double rich deep orange flowers. Excellent for cutting. 2½ feet.

Tr. Pkt.....30c    ¼ oz.....60c    Oz.....\$1.70

**Canary Bird.** Very free flowering. Bright canary yellow. Long, strong stems. 2 feet.

Tr. Pkt.....25c    ¼ oz.....50c    Oz.....\$1.65

**Frills.** Large golden orange flowers with beautifully waved and frilled petals. Fine for borders or cutting. 2 feet. Tr. Pkt.....25c

¼ oz.....55c    Oz.....\$1.65

Normal Foliage.

✓ **Fluffy Ruffles.** (New). Very early, base branching, semi-high with tall intensely ruffled blooms of bright medium orange. Excellent cut flower.

Tr. Pkt.....35c    ¼ oz.....\$1.00    Oz.....\$3.00

**Guinea Gold.** Rich bright golden orange loose petaled flowers on fine long stems. The first of this type to be introduced and still a favorite. 3 ft.

✓ **Yellow Supreme.** Creamy lemon-yellow blooms 2 to 3 inches across, with broad, loosely placed frilled petals. Good stems for cutting. 2½ feet.

Tr. Pkt. ....20c    ¼ oz.....55c

Oz. ....\$1.65    4 oz. ....\$5.35

### CHRYSANTHEMUM FLOWERED

Flowers have incurved petals which in some varieties form finely cut florets closely entwined in true Mum form.

**Glitters.** New. Clear yellow flowers with fringed outer petals larger than Mammoth Mum and also plants are earlier and more dwarf. 2½ to 4 feet.

Tr. Pkt.....40c    ¼ oz.....\$1.50    Oz.....\$5.00

**Golden Bedder.** Extra early bright golden orange flowers, about 3 inches across. Plants are very symmetrical. 14 inches. Tr. Pkt.....25c

¼ oz.....55c    Oz.....\$1.85

**Happiness.** Similar to Golden Bedder, except that it is lively golden yellow. Very free flowering, bushy plants. 16 inches. Tr. Pkt.....35c

¼ oz.....75c    Oz.....\$2.50

✓ **Mammoth Mum.** The largest flowered variety in this class. The large, fluffy light sulfur yellow blooms are borne on long stiff stems. 30 inches.

Tr. Pkt.....40c    ¼ oz.....85c    Oz.....\$2.80

**Yellowstone (Mission Giant).** Rich clear yellow with base branching habit. Produces strong long stems for cutting. May be used for Spring forcing. 2 feet. Tr. Pkt.....40c

¼ oz.....65c    Oz.....\$2.20

**Mission Giant Mixed.** A fine mixture. Golden orange to lemon yellow. 18 inches to 2 feet.

Tr. Pkt.....25c    ¼ oz.....60c    Oz.....\$1.80

✓ **Goldsmith (Mission Giant).** Giant Mum type flowers of rich golden orange, 3 inches across. Exceptional keeping qualities. Outstanding for culture indoors or out. 18 inches. Tr. Pkt.....30c

¼ oz.....65c    Oz.....\$2.00

### GIGANTEA — Tall

A remarkable sweet scented, robust growing and extremely large flowered type. Some of the largest flowers in the marigold class.

✓ **Orange Sunset.** Rich, deep, lively orange. Very double flowers. Plants are of strong growing, upright branching habit. Makes a fine cut flower under glass. 3 feet.

**Sunset Giants.** An excellent mixture of colors ranging from deep orange through golden orange, deep golden yellow, light yellow, lemon yellow to primrose. 3½ feet.

Tr. Pk.....30c    ¼ oz.....60c    Oz.....\$2.00

### GIGANTEA — Dwarf

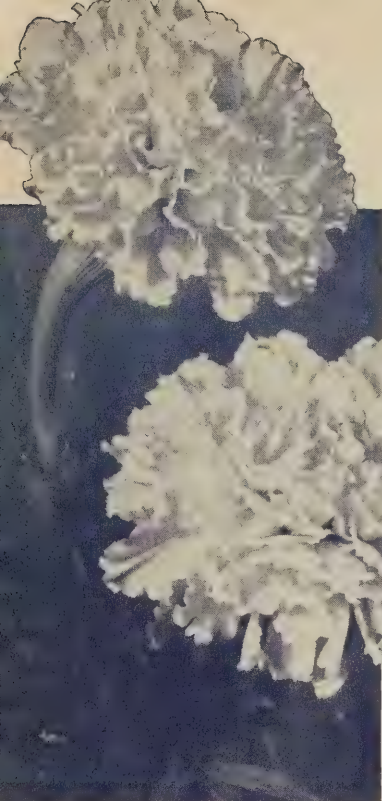
These are almost as large flowered as the tall varieties, but the plants are of compact habit. Free flowering and early.

**Pot O'Gold.** Deep orange blooms. 12-15 in.

Tr. Pkt.....30c    ¼ oz.....55c    Oz.....\$1.90

**Little Giants Mixed.** Shades of yellow to very bright orange. Flowers vary from the informal carnation type to the perfect Fistulosa ball type. Very compact habit. 10 to 15 in.

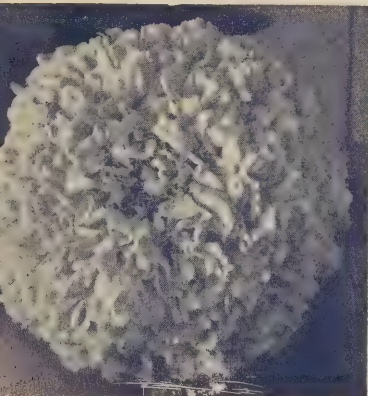
Tr. Pkt.....25c    ¼ oz.....60c    Oz.....\$1.80



CARNATION FLOWERED  
YELLOW SUPREME



GIGANTEA ORANGE SUNSET





# Quality Marigolds

## DWARF FRENCH

✓ On this page we've checked the most satisfactory varieties for bedding and borders

### SINGLE FLOWERED

- Brownie.** (New) See Novelties. Prolific of beautiful blooms through the whole season.  
Tr. Pkt. .... 50c ¼ oz. .... \$1.60 Oz. .... \$5.25
- ✓ **Flash.** Color ranges from vivid red through bronze with occasionally a few yellows. The base color of tangerine is overlaid with rich marigold red. 18 in. Tr. Pkt. .... 35c ¼ oz. .... 65c Oz. .... \$1.85
- ✓ **Naughty Marietta.** Rich golden yellow petals attractively marked maroon at the base. 2 inch flowers are produced early and freely on compact plants. Well liked wherever it has been grown. 1 foot. Tr. Pkt. .... 30c ¼ oz. .... 60c Oz. .... \$1.90

**Legion of Honor.** An old favorite. Lemon yellow with mahogany center. 12 to 14 in.  
Tr. Pkt. .... 20c Oz. .... \$1.00

- ✓ **Red Head.** Large crested flowers 2 inches across, with broad, overlapping petals. Mahogany color, changing to auburn and later to bronze. Blooms early and continues throughout summer. Excellent for low borders. 1 ft. Tr. Pkt. .... 30c ¼ oz. .... 60c Oz. .... \$1.90
- ✓ **Sunny.** Bright yellow single flowers with attractive wavy edges. Compact plants are covered with blooms all summer. 15 in. Tr. Pkt. .... 35c ¼ oz. .... 60c Oz. .... \$2.00

### DOUBLE FLOWERED

Very popular for edging, bedding, rock gardens and borders. Many will flower early in small pots or plant bands and are very attractive when sold alone or in combinations.

- ✓ **Butterball** Light yellow scabiosa-like flowers with crested center petals very slightly tinged maroon. Plants are very compact 6 to 10 in. Tr. Pkt. .... 30c ¼ oz. .... 55c Oz. .... \$1.90
- ✓ **Color Magic.** (New.) Large flowered. Rich colors in an unusual variety of patterns. Valuable seller. Tr. Pkt. .... 35c ¼ oz. .... 90c Oz. .... \$2.80
- Extra Dwarf Harmony.** Flowers are similar to Harmony but plant habit is more dwarf and ball shaped. 6 in. Tr. Pkt. .... 30c ¼ oz. .... 55c Oz. .... \$1.90
- Harmony Hybrids.** A very colorful mixture of double crested flowers in orange and yellow shades with many blotched and striped combinations. 12 to 14 inches. Tr. Pkt. .... 20c ¼ oz. .... 40c Oz. .... \$1.20
- Melody.** Harmony-type flowers, 1¼ inches across of clear golden orange. Uniform habit, early and continuous bloomer. 12 to 15 inches. Tr. Pkt. .... 30c ¼ oz. .... 60c Oz. .... \$1.80
- ✓ **Rusty Red.** (New) Large fully double flowers, attractive rusty red with golden seam, bloom in abundance throughout the summer. Tr. Pkt. .... 35c ¼ oz. .... \$1.00 Oz. .... \$3.00

- ✓ **Tangerine.** (New) Rich orange companion to Rusty Red. Tr. Pkt. .... 35c ¼ oz. .... \$1.00 Oz. .... \$3.00
- Scarlet Glow.** Flowers open deep scarlet and turn with age to orange-scarlet. The brightest red in this class. Very bushy. 10 inches. Tr. Pkt. .... 30c ¼ oz. .... 55c Oz. .... \$1.70
- ✓ **Spry.** One of the most profuse bloomers in this class. The bright yellow crested centers are surrounded by several rows of mahogany-red guard petals. Very attractive. Quite resistant to heat. 9 inches. Tr. Pkt. .... 30c ¼ oz. .... 55c Oz. .... \$1.90
- ✓ **Sunkist.** Very attractive deep orange flowers with crested centers. Very dwarf and compact. 6 to 8 inches. Tr. Pkt. .... 25c ¼ oz. .... 55c Oz. .... \$1.80
- ✓ **Yellow Pygmy.** Sparkling lemon yellow. Very dwarf bushy plants. While used mostly in pots and for edging, the whole plant when cut makes an effective bouquet. 6 inches. Tr. Pkt. .... 25c ¼ oz. .... 55c Oz. .... \$1.80
- Finest Mixed.** An excellent mixture of all varieties. Tr. Pkt. .... 25c ¼ oz. .... 50c Oz. .... \$1.75



Marigold Cupid

Marigold Rusty Red



Marigold Color Magic



### MISCELLANEOUS TYPES FOR BEDDING

- ✓ **Cupid.** (New.) Odorless foliage. Plants covered with large chrysanthemum shaped flowers.
- |               | Yellow | Orange              | Mixed               |                 |
|---------------|--------|---------------------|---------------------|-----------------|
| Tr. Pkt. .... | 60c    | 1/2 oz. .... \$1.00 | 1/4 oz. .... \$1.85 | Oz. .... \$6.00 |
- TAGETES SIGNATA PUMILA**
- ✓ **Gnome.** Large flowered golden yellow. Fine for pots and edging. Foliage is very finely cut and fern-like. 6 inches. Tr. Pkt. .... 30c ¼ oz. .... 55c Oz. .... \$1.70
- ✓ **Lulu.** New. See Novelties page 4.
- ✓ **Ursula.** New. See Novelties page 4.  
Tr. Pkt. .... 40c ¼ oz. .... \$1.20 Oz. .... \$3.60

### WINTER FLOWERING

Especially suited for winter cut flowers. Will not flower in the summer. Sowings may be made from August on into late fall.

- Colorado Sunshine.** (New) Bright luminous yellow, carnation flowered. Very uniform. Tr. Pkt. .... 50c ¼ oz. .... \$1.50 Oz. .... \$4.50
- Lieb's Winter Flowering.** Golden yellow crested center with mahogany guard petals. Tr. Pkt. .... 30c ¼ oz. .... 65c Oz. .... \$2.10
- Winter Harmony.** Golden orange, crested center with reddish brown guard petals. Tr. Pkt. .... 30c ¼ oz. .... 55c Oz. .... \$1.80





## Nasturtium

### Golden

### Gleam

## MARVEL OF PERU (Four O'clock)

Bright colored flowers which open in the afternoon or all day on cloudy days. Very easily grown most anywhere. An old favorite. 2 ft.

Mixed Colors. Oz.....35c Lb.....\$3.20

## MESEMBRYANTHEMUM

**Criniflorum (Livingston Daisy).** Flowers in a variety of color cover the dwarf spreading plants. Give it a sunny location and plenty of water.

Tr. Pkt.....35c 1/8 oz.....70c 1/4 oz.....\$1.25

**Crystallinum (Ice Plant).** White flowers. Foliage is covered with globules which resemble ice. Excellent for a dry, sandy location.

Tr. Pkt.....30c 1/4 oz.....55c

## MIGNONETTE

Sow in August for a winter crop and in January for a spring crop. Water carefully and grow cool. 1 ft.

	Tr. Pkt.	1/4 oz.	Oz.
New York Market. For forcing	65c	\$1.50	....
Sweet Scented. Large flowering	10c	....	20c

## MIMOSA (Sensitive Plant)

**Pudica.** Tr. Pkt.....30c Oz.....\$1.90

## MORNING GLORY (See Ipomoea) Page 18

## NASTURTIIUM

**DOUBLE GLEAM TYPE.** Large sweet-scented, double flowers on vigorous semi-tall plants. May be trained on wire or string. Fine for cutting, lasting well in water.

**Golden Gleam.** Golden yellow **Scarlet Gleam.** Orange scarlet

**Orange Gleam.** Deep orange **Gleam Hybrids.** A colorful mixture

**Salmon Gleam.** Golden Salmon

Oz.....30c 4 oz.....\$1.00 Lb.....\$3.00

**DWARF DOUBLE FLOWERED.** Plants are compact and bushy. Flowers are large and sweet scented. Nice long stems. 1 ft.

**Golden Globe.** Golden yellow.

**Mahogany Gem.** Deep mahogany red.

**Finest Mixed.** An excellent range of colors.

Oz.....35c 4 oz.....\$1.20 Lb.....\$3.60

**SINGLE FLOWERED.** These are the old-fashioned type having only 5 petals instead of 8 to 10 petals like the doubles.

**Dwarf mixed.** 1 ft.

**Tall (Trailing) Mixed.** 18 in. to 4 1/2 ft.

Oz.....30c 4 oz.....\$1.00 Lb.....\$3.00

## NEMESIA

Showy, free flowering plants for borders, rock gardens and edging Do best in cool weather.

**GRANDIFLORA.** The tall class. Fine for early spring cutting. 14 in. Mixture. Tr. Pkt.....25c 1/4 oz.....80c Oz.....\$2.65

**NANA COMPACTA.** The dwarf compact growing type. Fine for spring pot plants or combination boxes. 10 in.

**Triumph Mixed.** Tr. Pkt.....40c 1/4 oz.....95c Oz.....\$3.50

## NICOTIANA (Flowering Tobacco)

	Tr. Pkt.	Oz.
<b>Affinis.</b> Fragrant, white. 2 1/2 ft.....	20c	\$1.10

**Affinis Hybrids.** Brilliant shades of rose, red, crimson and creamy white. 2 1/2 ft.....20c .75

**Sanderae. Crimson King.** 2 1/2 ft.....20c .85

**Sensation Mixed.** Contains the widest range of colors. Plants are more compact and the flowers remain open in daylight. Fragrant.

Tr. Pkt.....35c 1/4 oz.....80c Oz.....\$2.50

**Suaveolens.** (Orange Blossom) Compact, small flowered with pure white, sweet scented flowers. Fine for pots. Tr. Pkt. 40c, 1/16 oz. 90c

## NIEREMBERGIA

Plants form a dense mat and are covered with beautiful cup-shaped flowers all summer. Does best in full sun and sandy soil. Blooms in about 15 weeks from seed.

**Hippomanica, Coerulea.** Lavender blue. 6 to 8 inches.

Tr. Pkt.....50c 1/32 oz.....\$1.00 1/16 oz.....\$1.85

**Purple Robe.** Violet blue flowers which do not fade in hot sun. 6 in.

Tr. Pkt.....50c 1/32 oz.....\$1.65 1/16 oz.....\$3.00

## NIGELLA (Damascena)

**Miss Jekyll.** Double blue. 18 inch. Tr. Pkt.... 25c Oz.....\$1.00

## PASSIFLORA (Passion Flower)

**Coerulea.** A beautiful climber, specially useful as a house plant. The parts of the large, slightly fragrant flowers were fancied by the early Italian and Spanish travelers to symbolize the implements of the crucifixion. Tr. Pkt....40c 1/8 oz....90c 1/4 oz....\$1.65 Oz....\$5.50

## NEMESIA GRANDIFLORA

Fine for  
Early Spring  
Cutting





# A. B. C. PANSIES

## The Mixtures Every Florist Should Use

**A. B. C. De Luxe Mixture.** The finest strain of fancy pansies composed of hand picked seed from individual plants, selected for the largest sized flowers in the richest and most varied colors, including beautiful shades of red. The De Luxe Mixture will bring you top prices in spring plant sales and produces excellent cut flowers as well.

Tr. Pkt.....75c    1/8 oz.....\$1.75    1/4 oz.....\$3.00  
Oz.....\$10.00    4 oz.....\$35.00

**Steele's Jumbo Mixture.** Flowers up to 5 in. in diameter. Many new and unique colors. Fine form, heavy substance, long strong stems, very early. Originator's seed.

Tr. Pkt....\$1.00    1/8 oz....\$3.35    1/4 oz....\$5.60    Oz....\$18.00

**Benary's Early Orchid-flowering Giants.** New. Latest perfection in European breeds. Waved giant blooms in orchid colors. Extra early. Originator's seed.

Tr. Pkt....75c    1/8 oz....\$1.85    1/4 oz....\$3.30    Oz....\$11.00

**A. B. C. Super Swiss Giants.** Noted for the size of blooms and excellent texture. Selected for their distinctive markings, many blooms are attractively ruffled.

Tr. Pkt.....75c    1/4 oz.....\$3.00    Oz.....\$10.00

**A. B. C. Super Maple Leaf Giants (Canadian Giants).** The sturdy plants have large flowers in radiant colors, especially blue with yellow, white and black.

Tr. Pkt....75c    1/4 oz....\$3.30    1/2 oz....\$6.00    Oz....\$11.00



A. B. C. "DeLuxe" Pansies

## LARGE FLOWERING—Separate Colors

**Cardinal.** Bright scarlet.

**Emperor William.** Blue.

**King of the Blacks.**

**Golden Queen.** Pure yellow.

Tr. Pkt.....35c    1/4 oz.....\$1.50    Oz.....\$5.00

**Lord Beaconsfield.** Pure violet.

**Snow Queen.** Pure white.

**St. Knut.** Apricot, very choice.

**Choice Mixed.**

## A. B. C. GIANT WINTER-FLOWERING

**Mixture.** Plants grow 2½ to 3½ feet high, with six to eight strong upright stems bearing numerous good sized blooms on flower stems 10 to 12 inches long. The color range is excellent.

Tr. Pkt.....\$1.00    1/8 oz.....\$2.75    1/4 oz.....\$5.00

**Steeles Butterfly Hybrids.** Ruffled flowers in the most unusual pastel shades. Superb substance. Originators seed.

Tr. Pkt....\$1.25    1/16 oz.....\$2.25    1/8 oz.....\$4.00    1/4 oz.....\$7.00

**Engelman's Giant Mixture.** An early flowering strain of giant pansy. The growth is very compact. Grown from originator's seeds.

Tr. Pkt....60c    1/4 oz....\$3.00    1/2 oz....\$5.50    Oz....\$10.00

**Maple Leaf Giants.** One of the largest flowering strains of Giant Pansies.

Tr. Pkt....65c    1/4 oz....\$3.00    1/2 oz....\$5.50    Oz....\$10.00

**Geneva Giants.** Growers report that this strain has a fine selection of rich colors. Compact in habit of growth.

Tr. Pkt.....85c    1/4 oz.....\$3.00    Oz.....\$10.00

**Oregon Giants.** Immense ruffled blooms produced on long, strong stems with luxuriant foliage. Wide range of colors. Delicately fragrant.

Tr. Pkt....85c    1/4 oz....\$3.50    1/2 oz....\$6.00    Oz....\$12.00

**Felix. New.** A strong growing Pansy with a yellow pencilled face and wide border of different colors.

Tr. Pkt....\$1.00    1/8 oz.....\$2.20    1/4 oz.....\$4.00    Oz....\$12.00

**America.** An extremely bright mixture, early flowering and dwarf, with a good variety of colors. Especially desirable for basket sales.

Tr. Pkt.....65c    1/4 oz.....\$2.70    Oz.....\$10.00

**Dwarf Swiss Giants. Choice Mixed.** With dwarf compact habit of growth.

Tr. Pkt.....65c    1/4 oz.....\$2.50    Oz.....\$9.00

## SWISS GIANT—Separate Sorts

**Alpenglow.** Rich wine shades with large dark blotch.

**Berna.** Dark velvety violet-blue, excellent quality.

**Coronation Gold.** Canary yellow with lower petals flushed golden.

**Flame.** Dark bronze shades, very large flowered.

**Giant Orange.** Pure bright orange.

**Lake of Thun (Ullswater, Thuner Sea.)** A solid blue with dark blue blotches.

**Rheingold.** Canary yellow with dark blotches.

**White (Mont Blanc.)** The finest Giant pure white.

**Raspberry Rose.** Soft pink with deeper colored blotches.

Tr. Pkt.....80c    1/4 oz.....\$3.00    Oz.....\$10.00

## Pansy Benary's Orchid Flowering Giants

In the event you have overlooked providing sufficient pansies for spring sales, a sowing can be made to good advantage in January. Sow in flats and carry in a carnation house temperature until seedlings are ready to transplant, which should also be done in flats and set in a cold house; later moved out to protect frames.







All Double Petunias make fine Easter pot plants

### CANADIAN STRAIN

**All-Double Canadian Mixture, Improved.** Vigorous dwarf compact plants of free branching habit with large nicely ruffled flowers. Rose, pink, and mauve, as well as some white and salmon, are included in this mixture.

½ Tr. Pkt. . . \$2.00 Tr. Pkt. . . \$3.50 1/128 oz. \$6.65 1/64 oz. . . \$12.60

**Colossal Shades of Rose, Improved.** The largest flowered All-Double Petunia. Colors range from light salmon pink through rose-pink to rich rosy mauve. Plants are of vigorous, low spreading habit. 2 inches.

½ Tr. Pkt. . \$1.65 Tr. Pkt. . \$2.75 1/128 oz. . \$5.50 1/64 oz. . \$10.00

**America.** Medium sized rose-pink carnation flowered blooms. Compact dwarf plants. Valuable for combinations, pot plants and bedding.

½ Tr. Pkt. . \$1.35 Tr. Pkt. . \$2.50 1/128 oz. . \$4.50 1/64 oz. . \$8.00  
1/32 oz. . . . . \$14.50

## SINGLE F, HYBRIDS

### RUFFLED GRANDIFLORA

**Ballerina. All America Winner.** Soft glowing salmon. Blooms 3½-4", beautifully fringed, in profusion. Extremely effective.

**Bolero.** Bright rose, deeply fringed. Extra dwarf, very uniform habit. Very valuable seller.

**La Paloma.** Pure white, large flowers with yellow throat. Free flowering, vigorous, semi-dwarf plants. Habit very uniform. Especially good as Easter pot plant.

**Tango.** Bright, deep scarlet-salmon, an outstanding color in vivid contrast to the foliage. Dwarf and compact, yet strong and free blooming, it has been admired by all florists who have seen it.

½ Tr. Pkt. . . \$1.35 Tr. Pkt. . . \$2.50 1/128 oz. . . \$4.50 1/64 oz. . . \$8.00

### DWARF BEDDING

**Comanche. All America Winner.** Brightest scarlet, greatest vigor. Finest red Petunia.

**Linda.** Clear, light salmon-pink.

½ Tr. Pkt. . . \$1.25 Tr. Pkt. . . \$2.00 1/128 oz. . . \$4.00 1/64 oz. . . \$7.25

**Pink Sensation. All America Winner.** Light rose pink with deeper pink veining, white throat.

**Silver Medal. All America Winner.** Lustrous salmon-cerise, outstanding color. Most excellent Petunia of her type.

**Rose Charm.** Bright rose. Very free flowering, dwarf and compact. Disease resistant. Brilliant bedding plant.

½ Tr. Pkt. . . \$1.00 Tr. Pkt. . . \$1.75 1/128 oz. . . \$3.50 1/64 oz. . . \$6.50

# ALL DOUBLE PETUNIAS

Excellent for pot plants and combinations

### GLORIOUS (PAN-AMERICAN) STRAIN

**Allegro Improved.** Deep salmon giant fringed flowers which are 100% true to the Grandiflora type. Plants have a uniform dwarf habit and are unexcelled for pots and bedding. One of the most outstanding in the All-Double class.

**Caprice, Improved.** Bright rose flowers which are deeply fringed, dwarf.

**Minuet.** Beautiful orchid-lavender. Fine shapely plants, very large fringed flowers.

**Nocturne.** Deep midnight purple. Dwarf habit with a high percentage of large fringed doubles.

**Rhapsody.** Burgundy wine-purple, a new color. Fully double, 100% large flowered, free base branching. Uniform Habit.

**Sonata.** Pure, finest white. Huge deeply fringed, fully double flowers. Semi-dwarf.

½ Tr. Pkt. (500 seeds) . . . . \$2.75 Tr. Pkt. (1000 seeds) . . . . \$ 4.50  
1/128 oz. . . . . \$8.50 1/64 oz. . . . . \$16.00 1/32 oz. . . . . \$29.50

**Glorious Mixture.** An excellent formula mixture made up of the above varieties.

½ Tr. Pkt. (500 seeds) . . . . \$2.25 Tr. Pkt. (1000 seeds) . . . . \$ 4.00  
1/128 oz. . . . . \$7.60 1/64 oz. . . . . \$14.45 1/32 oz. . . . . \$28.00

### VICTORIOUS STRAIN

**Amaranth Red.** Large flowers with rich velvety amaranth purple color.

**Attraction.** Rich bright rose with sharp contrasting variegation of pure white.

**Blue Brocade Improved.** The real dwarf blue All-Double.

**Gaiety.** Beautifully striped and mottled with bright rose and white. Very dwarf and compact. Especially popular.

**Illumination.** Bright red with scarlet sheen.

**Loveliness.** Soft rose-pink, about one third slightly darker. All very dwarf and compact.

**Prima Donna.** Bright salmon orange, excellent substance, dwarf and compact. Outstanding for pot plants.

**Pure White Improved.** Pure white full double well fringed flowers. Excellent for pots and for bedding.

**Rosy Carmine Improved.** (World Beauty, Pink Perfection) Bright rose, much improved in the size of flower and with extra dwarf growth.

**Silver Blue.** Clear blue without veins, velvet-like glistening overlaid with shiny blue.

**Victorious A.B.C. Blend.** Covering full range of colors, excellent in its splendor and its even dwarf growth.

½ Tr. Pkt. . . \$2.00 Tr. Pkt. . . \$3.00 1/64 oz. . . \$10.00 1/32 oz. \$19.00



Petunia Comanche



# LARGE FLOWERED PETUNIAS

## RUFFLED CALIFORNIA GIANTS

**A.B.C. "Private Stock" (Dwarf).** You will find this blend of California Giants highly desirable in 3-inch or 4-inch pots for Easter and early Spring sales. This strain is noted for its uniformly dwarf habit of growth and a high percentage of large, attractive flowers in a wide range of colors, including the lighter pinks and roses as well as the popular dark shades and bi-colors.

Dark Shades	Light Shades	Pink Shades	Mixed
½ Tr. Pkt.....	75c	Tr. Pkt.....	\$1.25
1/64 oz.....	\$2.70	1/32 oz.....	\$5.00
		1/16 oz.....	\$9.00

**Ramona Strain Dwarf Giant.** Huge Giants of California flowers on dwarf, sturdy plants especially bred for pot plant culture; evenly and attractively ruffled, and of colors unsurpassed in Petunias.

½ Tr. Pkt.....	65c	Tr. Pkt.....	\$1.10
1/64 oz.....	\$1.50	1/32 oz.....	\$2.75
		1/16 oz.....	\$5.25

### Separate Colors

**German Empress.** (Award of Merit) Lilac, veined violet blue, dark throat. Strong scent.

Tr. Pkt.....	75c	1/64 oz.....	\$1.35	1/32 oz.....	\$2.50
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**Glamour.** Large salmon-rose flowers with brown veining on white throat. A very free bloomer.

Tr. Pkt.....	75c	1/64 oz.....	\$1.75
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**Marilyn (Salmon Beauty).** Brightest salmon pink. Varies from dark to light shades. Tr. Pkt.....

75c	1/64 oz.....	\$1.75
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**Prince of Wuertemberg.** Deep red with dark throat.

Tr. Pkt.....	75c	1/64 oz.....	\$1.50
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**Princess of Wuertemberg.** Rose Pink with veined dark throat.

Tr. Pkt.....	75c	1/64 oz.....	\$1.50
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**White Giant.** Pure white with yellow throat, heavily ruffled.

Tr. Pkt.....	75c	1/64 oz.....	\$1.35	1/32 oz.....	\$2.50
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## DWARF LARGE FRINGED (Dwarf Erfurt)

**Carmencita.** Deep scarlet salmon deeply fringed flowers cover uniform dwarf plants. Perfect for pots. Hand pollinated seed.

½ Tr. Pkt.....	85c	Tr. Pkt.....	\$1.50	1/64 oz.....	\$3.50	1/32 oz.....	\$6.00
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**Colorado Sunset.** Bright light rose pink dwarf fringed. Vigorous and free blooming.

½ Tr. Pkt.....	85c	Tr. Pkt.....	\$1.50	1/64 oz.....	\$3.50	1/32 oz.....	\$6.00
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**Dazzler.** Free flowering, deep carmine-rose; fairly well fringed and very showy. Extra early and dwarf. This is a fine pot plant variety.

Tr. Pkt.....	60c	1/64 oz.....	\$1.10	1/32 oz.....	\$2.00	1/16 oz.....	\$3.60
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**Rosita.** Soft rose pink with large ruffled and fringed flowers. Very dwarf compact and profuse blooming. An ideal pot plant.

½ Tr. Pkt.....	85c	Tr. Pkt.....	\$1.50	1/64 oz.....	\$3.50	1/32 oz.....	\$6.00
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**Dwarf Erfurt Gaiety.** Fringed rose and white, looks cheerful.

**Dwarf Erfurt Lace Veil.** Pure white, elegantly fringed.

**Dwarf Erfurt Setting Sun.** Brilliant rose, excellent color.

**Dwarf Erfurt Mixed.** A special mixture of the better original varieties of this type. Tr. Pkt.....

75c	1/64 oz.....	\$1.75
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## LARGE PLAIN EDGED

**A. B. C. Dwarf Elks Pride.** The DeLuxe of purple Petunias. Brilliant royal purple. Large flowers are borne profusely on upright growth. Excellent for pots, boxes and bedding.

Tr. Pkt.....	75c	1/64 oz.....	\$1.75	1/32 oz.....	\$3.00	1/16 oz.....	\$5.00
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**Summer Night.** With the same color as Elks Pride, the rich bright purple of this well known variety, Summer Night is much more compact and bushy. It is an excellent pot plant. As it breaks into full bloom some three weeks later than others it should be sown so much earlier.

Tr. Pkt.....	\$1.00	1/64 oz.....	\$2.25	1/32 oz.....	\$4.00
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**Queen of the Market.** Deep carmine with scarlet. Brilliant and effective.

Tr. Pkt.....	75c	1/64 oz.....	\$1.75	1/32 oz.....	\$3.20
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**Purple Prince.** Velvety purple, large flowered.

Tr. Pkt.....	75c	1/64 oz.....	\$1.50	1/32 oz.....	\$2.50
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**Snowstorm Improved.** An A. B. C. introduction. Pure white. Very large flowered and profuse blooming which makes it very desirable for pot plants or bedding.

Tr. Pkt.....	80c	1/64 oz.....	\$1.90	1/32 oz.....	\$3.50	1/16 oz.....	\$6.00
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**Popcorn. (New).** An earlier, dwarf and compact counterpart to Snowstorm. Tr. Pkt.....

\$1.50	1/64 oz.....	\$3.30	1/32 oz.....	\$6.00
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**White Cloud.** All purpose dwarf white. Free flowering, excellent.

Tr. Pkt.....	85c	1/64 oz.....	\$1.90	1/32 oz.....	\$3.00
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**A. B. C. Private Stock**

## DWARF RUFFLED

**Martha Washington.** Nicely ruffled; light pink with dark veined throat; extra compact. 12 inches. Tr. Pkt.....

60c	1/32 oz.....	\$1.50
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**Garden Giants.** A wide variety of bright color combinations. Plants form uniform well rounded mounds. Early flowering and continue until frost. 12 to 15 inches.

Tr. Pkt.....	\$1.00	1/64 oz.....	\$2.25	1/32 oz.....	\$4.00	1/16 oz.....	\$7.00
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**Little Giants.** Very compact and erect growing and literally covered with blooms, medium sized and well ruffled. Excellent for either border or pots. 10 to 12 inches.

Tr. Pkt.....	80c	1/64 oz.....	\$1.50	1/32 oz.....	\$2.60	1/16 oz.....	\$4.60
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**Pink Frills. (New).** Little giants in brilliant rose pink shades. Tr. Pkt.....

80c	1/64 oz.....	\$1.75	1/32 oz.....	\$3.00	1/16 oz.....	\$5.25
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## LARGE FRINGED

**A.B.C. Fringed Snowstorm.** Glistening white with a touch of yellow in throat. Abundant producer of medium to medium heavy fringed flowers, 2½ to 3 inches in diameter. Ideal for pots or bedding.

½ Tr. Pkt.....	65c	Tr. Pkt.....	\$1.00	1/64 oz.....	\$2.25	1/32 oz.....	\$3.75	1/16 oz.....	\$6.75
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**Flame. (New).** Rich scarlet with orange shine, best red fringed Petunia.

Tr. Pkt.....	\$1.50	1/64 oz.....	\$3.30	1/32 oz.....	\$6.00
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**Fluffy Ruffles.** An excellent mixture containing many veined and bi-color shades not offered in separate colors. Flowers are fringed with many so heavily ruffled that they almost have the appearance of doubles.

Tr. Pkt.....	55c	1/32 oz.....	\$1.60	1/16 oz.....	\$2.70
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**Golden Jubilee.** Glowing scarlet-rose, heavily fringed, with golden throat veined mahogany. Especially attractive.

Tr. Pkt.....	60c	1/64 oz.....	\$1.50	1/32 oz.....	\$2.80
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**Pink Triumph.** Fine clear rose-pink with golden throat.

Tr. Pkt.....	60c	1/64 oz.....	\$1.50	1/32 oz.....	\$2.60
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**Royalty.** Huge flowers in varying combinations of purple and white.

Tr. Pkt.....	60c	1/64 oz.....	\$1.65	1/32 oz.....	\$3.00
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**Scarlet Beauty.** Bright scarlet rose with deep crimson veins. Deeply frilled.

Tr. Pkt.....	60c	1/64 oz.....	\$1.50
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**Theodosia (Reselected).** Beautiful rose-pink with golden yellow throat. One of the choicest and largest rose Petunias available, either for pot plants or bedding.

Tr. Pkt.....	60c	1/64 oz.....	\$1.50	1/32 oz.....	\$2.80
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**White Beauty.** Fringed clear white. Excellent for bedding.

Tr. Pkt.....	60c	1/64 oz.....	\$1.50	1/32 oz.....	\$2.80
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**A.B.C. Single Fringed Mixed.** This is an extra free flowering, medium dwarf fringed Grandiflora strain. We strongly recommend it for growing young stock in flats and for bedding. Tr. Pkt.....

55c	1/32 oz.....	\$1.85	1/16 oz.....	\$3.50
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**Petunia Snowball Improved**

**Admiral Improved.** Considered the choicest of all the dwarf blue bedding Petunias. Flowers are medium size and beautifully ruffled. Exceptional for bedding or pots.

Tr. Pkt. ....85c 1/64 oz. ....\$1.75  
1/32 oz. ....\$3.00 1/16 oz. ....\$5.50 1/8 oz. ....\$9.00

**Blue Bedder Imp. (New).** Mid-blue, more compact growing and a better color than the original. Very free flowering.

Tr. Pkt. ....55c 1/8 oz. ....\$1.35 1/4 oz. ....\$2.00

**Blue Bedder.** Mid blue. Contains very little violet shading. Vigorous medium dwarf.

Tr. Pkt. ....40c 1/4 oz. ....\$1.40 Oz. ....\$4.50

**Bright Eyes.** Soft light rose-pink with white throat flowers cover the very dwarf uniform plants.

Tr. Pkt. ....60c 1/4 oz. ....\$2.00  
1/8 oz. ....\$1.25 Oz. ....\$6.00

**Celestial Rose Improved.** Deep rose. One of the most popular with the trade.

Tr. Pkt. ....50c 1/4 oz. ....\$2.00  
1/8 oz. ....\$1.10 Oz. ....\$7.00

**Cockatoo.** Deep violet purple with irregular white spots and stars. Vigorous grower.

Tr. Pkt. ....40c 1/8 oz. ....\$1.00 1/4 oz. ....\$1.75

## DWARF HYBRID PETUNIAS

(P. Hybrida Nana Compacta)

### Most Widely Used Class for Bedding, Combination Work, and for Attractive Small Pot Plants

The dwarf compact habit and profuse blooming of this class makes them easily adaptable to wide and varied uses. Offer these to your customers by the flat 12 to 16 inches.

**Cheerful.** Clear salmon-pink. Medium large flowers are produced abundantly on vigorous low spreading plants. Tr. Pkt. ....75c  
1/16 oz. ....\$1.50 1/8 oz. ....\$2.20 1/4 oz. ....\$3.85

**Cream Star.** Soft creamy white Flowers bluntly star shaped. Tr. Pkt. ....50c  
1/8 oz. ....\$1.15 1/4 oz. ....\$2.00

**Elks Star.** Velvety reddish purple, white star. New exceptionally uniform and compact bedding strain.

Tr. Pkt. ....75c 1/16 oz. ....\$2.75  
1/32 oz. ....\$1.40 1/8 oz. ....\$5.00

**English Violet.** The same pleasing shade of violet blue as the violet for which it was named. Tr. Pkt. ....50c  
1/8 oz. ....\$1.15 1/4 oz. ....\$2.00

**Fire Chief (New).** All-American Gold Medal winner 1950. Brilliant scarlet red. A new color in this class.

Tr. Pkt. ....50c 1/4 oz. ....\$5.00  
1/16 oz. ....\$1.75 1/8 oz. ....\$3.00

**Glow.** Striking carmine red. One of the richest colors in the class. Doesn't fade.

Tr. Pkt. ....40c 1/16 oz. ....\$1.40  
1/8 oz. ....\$2.00 1/4 oz. ....\$3.75  
Oz. ....\$13.50

**Glowing Rose.** Very brilliant rose with large flowers. Uniform well-rounded plants. Very early. Tr. Pkt. ....50c  
1/8 oz. ....\$1.80 1/4 oz. ....\$3.50

**Heavenly Blue.** Medium to light silvery blue.

Tr. Pkt. ....40c  
1/8 oz. ....\$1.00 1/4 oz. ....\$1.65 Oz. ....\$5.00

**King Henry.** Rich velvety red. Uniform dwarf and large flowered. Outstanding for pot plants. Tr. Pkt. ....75c  
1/32 oz. ....\$1.40 1/8 oz. ....\$5.00  
1/16 oz. ....\$2.75 1/4 oz. ....\$9.00

**Lipstick.** New. Carmine rose, overlaid with a touch of salmon. Not fading.

Tr. Pkt. ....50c 1/8 oz. ....\$3.00  
1/16 oz. ....\$1.75 1/4 oz. ....\$5.00

**Rose of Heaven.** Brilliant rose pink.

Tr. Pkt. ....40c 1/4 oz. ....\$1.00 Oz. ....\$3.00

**Rosy Morn Improved.** Clear rose-pink with white throat. An old favorite.

Tr. Pkt. ....50c 1/4 oz. ....\$1.20 Oz. ....\$3.65

**Snowball Improved.** The best white dwarf Petunia. Large flowers, dwarf exceptionally uniform habit. Tr. Pkt. ....50c  
1/8 oz. ....90c 1/4 oz. ....\$1.50 Oz. ....\$5.50

**Snow Queen.** Dwarf pure white. Vigorous and free flowering. Tr. Pkt. ....50c  
1/4 oz. ....\$1.75 Oz. ....\$6.00

**Topaz Queen.** This brilliant scarlet rose Petunia is one of the brightest colors in the bedding class. Tr. Pkt. ....40c  
1/4 oz. ....\$1.75 Oz. ....\$6.00

**Twinkles.** Small flowered, bright rose, starred white. Tr. Pkt. ....50c  
1/4 oz. ....\$1.80 Oz. ....\$5.00

**Velvet Ball.** Large flowered velvety crimson. Dwarf spreading habit. Excellent for bedding. Tr. Pkt. ....75c  
1/32 oz. ....\$1.40 1/8 oz. ....\$4.80

**Violacea.** Fairly dwarf rich violet-blue.

Tr. Pkt. ....40c 1/4 oz. ....\$1.40 Oz. ....\$4.00

**Violet Blue.** Rich violet with a bright blue cast. Tr. Pkt. ....40c  
1/8 oz. ....80c 1/4 oz. ....\$1.40 Oz. ....\$4.80

**Finest Dwarf Mixed.** A special formula mixture. Tr. Pkt. ....30c  
1/4 oz. ....80c Oz. ....\$2.80

**Mixture of Starred Varieties.** Formula blended. Very original and attractive.

Tr. Pkt. ....40c 1/4 oz. ....\$1.40 Oz. ....\$4.25

### "REGULAR" OR TALL HYBRIDS (Petunia Hybrida)

Plants bear many medium-sized plain edged single flowers even under the most trying weather and soil conditions. Ideal for bedding and borders. 20 to 24 inches.

**Blue Bee.** Bright violet-blue. Very similar to Viola Jersey Gem in color. Tr. Pkt. ....30c 1/4 oz. ....50c Oz. ....\$1.75

**General Dodds.** Velvety blood red.

Tr. Pkt. ....50c 1/4 oz. ....\$1.00 Oz. ....\$3.25

**Howard's Star Improved.** Rich reddish purple, starred and blotched white. Quite tall. Tr. Pkt. ....50c 1/4 oz. ....\$1.20 Oz. ....\$4.50

**Radiance.** Bright cerise-rose with underlying salmon which intensifies its brilliance. Golden yellow throat.

Tr. Pkt. ....40c 1/4 oz. ....\$1.00 Oz. ....\$3.50

**Topaz Rose.** Deep brilliant fiery rose. Topaz throat.

Tr. Pkt. ....40c 1/4 oz. ....\$1.00 Oz. ....\$3.50

### REGULAR HYBRIDS (Continued)

**White King,** pure white.

Tr. Pkt. ....30c 1/4 oz. ....60c Oz. ....\$2.00

**Exquisite Mixture.** A formula mixture made up of the finest varieties.

Tr. Pkt. ....30c 1/4 oz. ....75c Oz. ....\$2.75

### BALCONY PETUNIAS (Petunia Hybrida Pendula)

Strong spreading growth and large single plain edged flowers make the Balcony type excellent for bedding, porch and window boxes. 18 to 24 inches.

**Black Prince.** Deep mahogany-red. A much darker red than crimson. Tr. Pkt. ....35c 1/8 oz. ....\$1.00 1/4 oz. ....\$1.80

**Blue.** Mid-blue shade.

<b>Crimson</b>	<b>Rose</b>	<b>White</b>	<b>Mixed</b>
Tr. Pkt. ....35c	1/4 oz. ....\$1.40	Oz. ....\$5.00	



## PHLOX DRUMMONDI

### GRANDIFLORA

Well branched plants with large clusters of bright colored flowers. While generally used for summer bedding, retail growers can get a profitable cut flower crop in May from a December sowing. 15 inches.

<b>Alba.</b> White.	<b>Cinnabar.</b> Rich scarlet.	
<b>Carnea.</b> Flesh-pink with rose eye.	<b>Isabellina.</b> Primrose-yellow.	
<b>Chamois Rose.</b> With carmine eye.	<b>Rosea.</b> Rose-pink shading deeper in center.	
	<b>Violet.</b> White eye.	
Tr. Pkt..... <b>40c</b>	¼ oz..... <b>90c</b>	Oz..... <b>\$2.70</b>
<b>Special Mixed.</b> Tr. Pkt..... <b>40c</b>	¼ oz..... <b>80c</b>	Oz..... <b>\$2.00</b>

### GIGANTEA

The individual flowers are larger than the Grandiflora type, and are produced freely on strong, upright plants. 10 inches.

<b>Red Glory.</b> Bright red with white eye.	<b>Salmon Glory.</b> Soft rich salmon pink with creamy white eye.
<b>Rosy Morn.</b> Rose-pink with eye.	<b>Art Shades Mixed.</b>
Tr. Pkt.....40c	1/4 oz.....\$1.00
	Oz.....\$3.00

### NANA COMPACTA (Dwarf)

The symmetrical dwarf, compact plants are especially suited for bedding rock garden and pots. 6 inches.

<b>Apricot.</b>			<b>Isabellina.</b> Primrose yellow.
<b>Chamois Rose.</b> Carmine eye.			<b>Snowball.</b> Pure white.
<b>Coerulea Oculata.</b> Blue, white eye.			<b>Violet.</b>
			<b>Mixed.</b>
<b>Fireball.</b> Fiery scarlet.			
Tr. Pkt.....40c	1/4 oz.....\$1.00	Oz.....\$3.25	

### BEAUTY

A most remarkable strain of compact dwarf Phlox. Plants produce abundant large sparkling blooms in gorgeous colors. Magnificent for pots, combinations and borders.

<b>Blue, Crimson, Pink, Salmon, Scarlet, Violet, White, Mixed</b>			
Tr. Pkt.....	45c	1/4 oz.....	\$1.10
		Oz.....	\$3.60

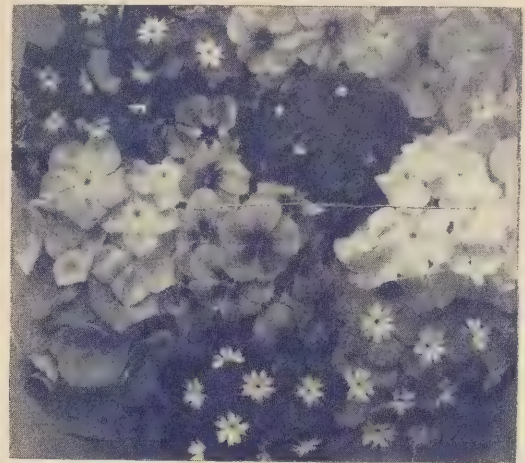
### CECILY MIXED

Attractive colors in a semi-dwarf mixture.

Tr. Pkt.....40c	1/4 oz.....\$1.00	Oz.....\$3.20
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**Eriksson's Primula Malacoides**



**Phlox Drummondii Mixed**

## POPPY

### ICELAND (P. Nudicaule)

**The Emperor.** Brilliant orange. Large flower and long, stiff stems.

**The Empress.** Same as above but in salmon-rose shades.

**Art Shades Mixture.**

Tr. Pkt.....30c	1/4 oz.....85c	Oz.....\$2.50
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### SHIRLEY (P. Rhoeas)

	Tr. Pkt.	Oz.
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**American Legion.** Single orange-scarlet..... 20c \$0.85

**Sweet Briar.** (Double Begonia-flowered.) Deep rose-pink 20c 1.20

**A. B. C. Shirley Mixture.** Single flowered, all colors... 20c .90

**PERENNIAL POPPY—See Page 39.**

## PORTULACA

Very excellent easily grown outdoor bedding plant. Will flower 30 to 45 days from sowing in late spring or early summer.

### DOUBLE MIXED

Tr. Pkt.....30c	1/4 oz.....\$1.10	Oz.....\$3.70
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### SINGLE

**Jewel.** Very large flowers of brilliant crimson color.

Tr. Pkt.....50c	1/8 oz.....\$1.10
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<b>Mixture.</b> Tr. Pkt.....25c	1/4 oz.....80c	Oz.....\$2.70
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## PRIMULA

For better germination put Primula seed in a refrigerator for a week or ten days.

Sow seed in May or June in light sandy soil for fine plants for St. Valentine's Day and spring sales. Light, air and low temperature are the main things to check carefully. Do not let the plants get too dry between waterings.

## PRIMULA MALACOIDES

**Margarete Lutz. (New)** See Novelties.

**Glory of Riverside Imp.** An excellent variety with beautiful salmon-rose flowers.

**White Giant Improved.** Pure white; large flowers and heavy stems.

**New Giant Salmon Rose.** Extremely large flowered, salmon rose. Robust plants.

**Brilliance Imp.** Flowers open lavender—turn to dark velvety red.

**Mrs. Eriksson of Riverside.** Large flowers of deep rose-red on compact plants of medium height.

**Lavender Improved.** Bright orchid-lavender. An improved Rosea Superba.

**Mixture.** Our own balanced formula mixture.

**Prices of above:** Tr. Pkt....\$1.25 1/64 oz....\$2.75 1/32 oz....\$5.00





*Saintpaulia ionantha*

## PRIMULA OBCONICA

A sowing in June or September/October will make choice pot plants for early and late Spring.

**Better Days.** Deep carmine red. **Mohnstein's Dark Red.**  
**Coerulea.** Clear blue. **Mueller's Rose.** Pure rose; choice.  
**Fasbender.** Rich deep red. **Snowstorm.** Pure white.

Choice Colors Mixed.

Tr. Pkt.....\$1.30	1/64 oz.....\$2.50	1/32 oz.....\$4.75
<b>Wyaston Wonder.</b> Bright crimson.		
Tr. Pkt.....\$1.30	1/64 oz.....\$3.00	1/32 oz.....\$5.50

**Red Giants Benary's Strain.** New. Brilliant light red.  
 New giant flowered primula of great merit. Original German strain.  
 Tr. Pkt.....\$2.00 1/64 oz.....\$3.00 1/32 oz.....\$5.50

## PRIMULA CHINENSIS

**Cardinal.** New. Outstanding improvement on Dazzler, brilliant vermillion. Originator's strain. Tr. Pkt....\$1.50 1/64 oz....\$5.00  
**Olympia Hybrids.** New. Rich mixture of best colors, giant flowers. Originator's strain. Tr. Pkt....\$1.25 1/64 oz....\$2.50

## RICINUS (Castor Beans)

Tall large-leaved plants having a tropical appearance.  
**Sanguineus.** Foliage red.  
**Zanzibariensis Mixed.** Foliage all green. 10 to 12 ft.  
 Oz.....30c 4-oz.....90c

## RUDBECKIA

**My Joy.** Orange yellow, dark center. Large flowered, excellent cutflower.  
 Tr. Pkt.....35c 1/4 oz.....80c Oz.....\$2.70

## SAINTPAULIA

**Ionantha Grandiflora.** The Usambara Violet. Charming deep blue flowers in profusion produced in uninterrupted succession. A favorite potplant. Best new strain. Imported seed. Tr. Pkt.....\$1.50

## SALPIGLOSSIS

Some very attractive colors for summer cutting and spring flowering under glass. Especially valuable for retail growers.

**Dwarf Mixed.** A choice mixture for bedding.  
 Tr. Pkt.....20c 1/4 oz.....40c Oz.....\$1.35  
**Vesuvius (New).** Gold and silver on a violet purple background. 30 in.  
 Tr. Pkt.....25c 1/4 oz.....55c Oz.....\$2.00  
**Emperor Mixed.** A tall mixture of all colors.  
 Tr. Pkt.....25c 1/4 oz.....40c Oz.....\$1.10

## SALVIA

One of the most brilliant bedding plants. Blooms from early summer until frost. Bottom heat will give better germination.

	Tr. Pkt.	1/4 oz.	Oz.
<b>America (Globe of Fire).....</b>	60c	\$1.75	\$5.00
<b>Blaze of Fire.....</b>	85c	2.25	7.00
<b>Bonfire (Clara Bedman).....</b>	50c	1.50	5.00
<b>Firebrand.</b> Extra early. Very dwarf; scarlet.....	75c	2.00	6.50

<b>St. John's Fire.</b> Very early, dwarf, compact plants. Quite even. Excellent. 1 ft.....	\$1.00	\$2.75	\$9.00
<b>Fireworks.</b> Extra early development out of St. John's Fire. See Novelties.....	1.25	3.50	11.50

<b>Splendens.</b> Tall growing .....	50c	1.35	4.00
<b>Zurich.</b> Dwarf, early .....	50c	1.30	4.50
<b>Farinacea (Blue Bedder).</b> Rich deep blue.....	40c	1.25	4.50

## SAPONARIA

**VACCARIA.** Gypsophila-like flowers. 18 inches.

<b>Rosea.</b> Oz.....	35c	4 oz.....	\$1.00
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## SCABIOSA

An easily grown free-flowering cut flower having long stems and a wide range of desirable colors. Sow in March for late spring greenhouse crop or outdoors for summer cutflowers.

**Blue Moon.** Attractive lavender-blue color with extra large fully double flowers and long wiry stems.

**Oxford Blue.** (New). Deep rich campanula blue.

Tr. Pkt.....	30c	1/4 oz.....	75c	Oz.....	\$2.50
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**Ageratum Blue.** Azure Blue.

**Loveliness.** Deep salmon-pink.

**Fire King.** A bright scarlet.

**Rose.**

**King of the Blacks.** Deep rich maroon.

**Shasta Improved.** Fine pure white.

**Giant Hybrid Mixture.** A special strain containing only the new large flowered varieties. Well balanced in good cut flower colors.

Tr. Pkt.....	20c	1/4 oz.....	30c	Oz.....	\$1.00
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## SCHIZANTHUS (Butterfly Flower)

Bushy plants with finely laciniated foliage and butterfly-like flowers. Seed sown in January and plants pinched once make ideal medium sized pot plants.

	Tr. Pkt.	1/8 oz.	1/4 oz.
<b>A.B.C. Giant Flowered.</b> Showy plants, outstanding for color and size of flowers.....	85c	\$2.25	....

<b>A.B.C. Bright Red.</b> Large flowered.....	75c	2.25	4.00
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<b>Mother's Favorite.</b> Pansy flowered.....	50c	1.25	....
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<b>Dr. Badger's Improved Hybrids.</b> Large flowers in choice colors. Habit medium dwarf.....	35c	....	\$1.10
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<b>A.B.C. Special Dwarf Mixed.....</b>	55c	1.75	....
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<b>Wisetonensis Mixed .....</b>	50c	1.35	2.35
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## SHAMROCK

<b>True Irish.</b> Tr. Pkt.....	20c	Oz.....	\$1.20
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## SMILAX

A fast growing vine with myrtle-like leaves. Valuable for floral decorations. Tr. Pkt.....40c

## STATICE

**SINUATA**

**Kampf's Tall Improved.** Extra long-stemmed deep blue.

**Market Grower's Blue.**

**Rosea Superba.**

**Lavender Queen.**

**Snow White.**

**Hybrid Mixture.** A mixture of the above colors as well as new shades that add a bright variation to the mixture.

Tr. Pkt.....	25c	Oz.....	55c	4 oz.....	\$1.70	Lb.....	\$5.00
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<b>BONDUELLI.</b> Similar to Sinuata. Yellow. Tr. Pkt.....	20c
Oz.....	45c
4 oz.....	\$1.60
Lb.....	\$4.80

<b>SUWOROWII.</b> Excellent for spring cutting. Tr. Pkt.....	25c
1/4 oz.....	60c
Oz.....	\$1.80



# ALL BREEDS CHOICE SNAPDRAGONS

For Greenhouse Forcing—Carefully Selected

## NEW HYBRID SNAPS

*The increased vigor and uniformity of growth plus the unusually long, well-formed spikes of large florets, make the Hybrids outstanding. They are early and come back for a second crop.*

PINK AND ROSE		Tr. pkt.	RED		Tr. pkt.
Better Times (Windmiller). Bright medium early, rose-red.....	\$2.00		Ball Red No. 7. Scarlet-crimson, early.....	\$3.50	
Christina (Yoder). Light second early pink.....	3.50		Navajo (Ball). New. Bright true red. Medium early.....	3.50	
Christmas Cheer (Windmiller). Bright extra early rose-pink.....	3.00		Priscilla Ann (Yoder). Rich medium early velvety-crimson.....	3.50	
Crusader (Yoder Bros.). New. Early brilliant rose-pink.....	3.00		Red Wing (Weddle). Deep early velvety-red.....	3.00	
Dorcas Jane (Burkey). Early, brilliant rose-pink.....	2.50		Rockwood's Hybrid Red No. 15. Dark early red-crimson.....	3.50	
Gusto (Yoder Bros.). New. Early Rose-pink.....	3.00		WHITE		Tr. pkt.
Libby (Yoder). New. Dark rose pink, very vigorous, second early	3.50		Apollo (Yoder Bros.). New. Ivory, early. More vigorous		
Mary Ellen (Yoder). Popular second early light clear pink.....	2.50		than Margaret .....	\$3.00	
Mountain Pink (Weddle). Clear early medium pink.....	3.00		Citation (Yoder Bros.). New. Ivory, very early. Compact		
Pensive (Yoder Bros.). New. Early strong dark pink.....	3.00		long spikes .....	3.00	
Pink Monarch (Ball). New. Rose-pink, midseason.....	3.50		Jet Pilot (Yoder Bros.). New. Paper white, very vigorous.....	3.00	
Pink Star (Yoder Bros.). New. Early. Beautiful dark pink.....	3.00		Maryland White (Winkler). Pure white, medium early.....	3.50	
Pompey (Yoder Bros.). New. Early, a little deeper colored			Rockwoods Hybrid White No. 5. Fine for Fall and early winter..	3.50	
than Crusader .....	3.00		Spartan White (M.S.C.). Fine pure white, early.....	3.00	
Spartan Rose (M.S.C.). New. Medium early. Soft rose, Well			Snowman (Ball). New. Pure White, early.....	3.50	
placed florets .....	3.00		Twenty Grand (Yoder Bros.). New. Ivory, fine keeper.....	3.00	
Rosanna (Ball). New. Deep rose, early.....	3.50		YELLOW		Tr. pkt.
Star Charter. (Yoder Bros.). New. Rose pink.....	3.00		Day Star (Yoder Bros.). Very early. Long spike.....	\$3.00	
Top Flight. (Yoder Bros.). New. Light pink, earlier than Christine..	3.00		Golden Spike (Ball). Deep golden-yellow, medium early.....	3.50	
Trilbee Pink. (Windmiller). New. Rich pastel pink, medium early..	3.50		Gold Mine (Weddle). Deep golden-yellow, early.....	3.00	
Whirlaway (Yoder Bros.). New. Light pink, medium early.....	3.00		Goldrush (Winkler). Golden-yellow, second early.....	3.50	
BRONZE		Tr. pkt.	Patricia (Yoder). Deep yellow, medium early.....	3.50	
Barbara (Yoder). Bright bronze, pink throat, second early.....	\$3.50		Rockwoods Hybrid Yellow No. 10. Deep yellow, For Fall and		
Cavalcade (Yoder Bros.). New. Golden bronze.....	3.50		early Winter .....	3.50	
Gallant Fox (Yoder Bros.). New. Deep orange bronze.			Seabiscuit (Yoder Bros.). Early, uniform, vigorous.....	3.00	
A little earlier than Barbara.....	3.50		War Admiral (Yoder Bros.). New. Fine yellow.....	3.00	
Indian Summer (Weddle). Medium bright bronze, early.....	3.00		LAVENDER		Tr. pkt.
Rockwoods Hybrid Bronze No. 25. New. Reddish bronze, early..	3.50		Bold Venture (Yoder Bros.). Rich lavender, early.....	\$3.00	
Sun Briar (Yoder Bros.). New. Lively orange bronze, medium early	3.00				

## SELF-POLLINATED VARIETIES

PINK AND ROSE		Tr. pkt.	BRONZE		Tr. pkt.
Sunshine Rose-Pink. Double Snapdragon. New. Pink with bronze			Afterglow. Golden-bronze. Medium early.....	\$1.00	
shade. Extra strong flower stalks.....	\$4.50		Ideal Improved (Hodaly). Blend of carmine-rose, orange tipped		
Adeline (Armstrong). Late rose-pink.....	3.00		lemon-yellow. White throat, medium early.....	1.50	
Cheviot Maid Reselected. Deep second early rose-pink.....	1.00		Lady Dorothy. Early. Glowing reddish-bronze, early.....	3.00	
Pamela Pink (Winkler). Medium early. Fine pink color,			YELLOW		Tr. pkt.
very strong. ....	3.00		Ethel. Bright medium yellow. Very popular, medium early....	1.50	
Peggy Schumann. Medium deep pink, late .....	2.00		Yellow Peggy Schumann. Late.....	2.00	
Rose Queen. A fine second early deep rose.....	1.00		LAVENDER		Tr. pkt.
St. Louis Pink (Rowe). Light pink. Fine long spikes, late.....	1.50		Schumann's Lavender. An excellent spring-flowering variety....	2.00	
WHITE		Tr. pkt.	Windmiller's Lilac. A medium early orchid of top quality.....	2.00	
Lucky Strike Improved. Medium early white, does not shatter....	\$1.50		Witterstaetter's Orchid. Rich orchid, late.....	2.50	
Margaret (Yoder). Clean-growing medium early ivory-white.			RED		Tr. pkt.
Very popular .....	2.00		Shisler's Red. True, brilliant wine-red, second early.....	\$2.00	
Rockwood's Crystal White. New. Pure white. Stems medium to			Schumann's Velvet Red. Dark red velvet, late.....	3.00	
tall. Recommended for late spring and summer, only.....	3.00		MIXTURE		Tr. pkt.
Schumann's White. Large close-flowering pure white			A.B.C. Forcing Mixed. A special mixture of all varieties.....	75c	
head. Will not shatter, late.....	3.00				
Tommy Armstrong. Excellent late pure white with long					
stems and spikes.....	3.00				



**Tetra Snaps****STREPTOCARPUS WIESMOOR HYBRIDS**

These exceptional new Hybrids resemble Orchids. We predict they will bring outstanding profit as a pot plant and quite a revolution on the cutflower market. They are far superior to the known varieties.

Wiry and long lasting cutflowers are born in profusion.

Originator's imported Tr. Pkt. ....\$1.75  
3 Tr. Pkts. ....\$4.75      5 Tr. Pkts. ....\$7.75

**Streptocarpus Wiesmoor Hybrids****OUTDOOR SNAPDRAGONS**

Varieties marked **RR** are rust resistant

**MAXIMUM (2¾ feet) RR**

The standard type for outdoor cutting and borders. Plants are base branching with fine spikes of large florets.

<b>Alaska.</b> White.	<b>Daffodil.</b> Yellow.
<b>Appleblossom.</b> Pink with white tube.	<b>Indian Summer.</b> Copper-rose scarlet.
<b>Campfire.</b> Luminous scarlet.	<b>Loveliness.</b> Soft rose-pink.
<b>Canary Bird.</b> Canary yellow.	<b>Pink Sensation.</b> Pure pink.
<b>Copper King.</b> True copper-scarlet.	<b>Swing Time.</b> Rose-pink.
<b>Crimson.</b> Fiery crimson.	<b>Finest Mixed.</b>
Tr. Pkt. ....30c	¼ oz. ....90c      Oz. ....\$3.20

**Velvet Giant.** Deep rich crimson with velvety texture. Unusually large well placed florets make excellent spikes for cutting.

Tr. Pkt. ....45c      ¼ oz. ....\$1.75      Oz. ....\$5.25

**MAJUS GRANDIFLORUM (2½ feet) RR**

Not quite as tall or vigorous as the Maximum class, and florets are slightly smaller. Produce fine spikes for cutting.

<b>Brilliant Rose.</b> True rose pink.	<b>Scarlet (Defiance.)</b>
<b>Cherry Rose.</b> Deep cherry rose.	<b>Shasta.</b> Pure white.
<b>Padre.</b> Outstanding rich crimson.	<b>Yellow Jacket.</b> Deep yellow.
<b>Pinkie.</b> Clear pink.	<b>Special Mixed.</b>
<b>Reveille.</b> Deep luminous yellow.	<b>University of California DeLuxe.</b>
<b>Rosalie.</b> Topaz rose with deeper center and gold suffusion.	<b>Mixture.</b> An excellent blend of colors.
Tr. Pkt. ....30c	¼ oz. ....85c      Oz. ....\$3.20

**SUPER MAJESTIC (16 to 20 inches) RR**

A base branching type with blooms equal in size to the Maximum class, however the stems are of medium length.

<b>Orange Shades.</b> Deep to light orange.	<b>Red Shades.</b> Orchid Shades.
<b>Rose Shades.</b> Rose-pink.	<b>Finest Mixed.</b>
Tr. Pkt. ....40c	¼ oz. ....\$1.10      Oz. ....\$3.90

**NANUM GRANDIFLORUM (1½ feet) RR**

Dwarf plants especially suited for bedding and pots.

<b>Black Prince.</b> Deep crimson, small dark leaves.	
<b>Brilliant Rose.</b> Golden Monarch.	
<b>Emperor.</b> Deep rich scarlet.	<b>Royal Cerise.</b>
<b>Scarlet Triumph.</b> Fiery scarlet.	<b>White Wonder.</b>
Tr. Pkt. ....40c	½ oz. ....70c      ¼ oz. ....\$1.10

**PUMILUM**

**Tom Thumb.** **Finest Mixed.** An excellent mixture for edging, rock gardens and pots. 6 inches.

Tr. Pkt. ....40c      ¼ oz. ....\$2.00      Oz. ....\$5.50

**TETRAPLOID (2 to 2½ feet)**

Being a tetraploid, it is a vigorous grower, almost never crippled with rust, and the big husky plants sell quickly from flats. Florets are huge, mostly ruffled, and stay on the stem so that 12 inch flower spikes are usual.

**Bright Rose, Crimson, Deep Salmon Pink, White Rose, White, Yellow.**

Tr. Pkt. ....60c      1/16 oz. ....\$1.10      ½ oz. ....\$1.90

**Finest Mixed**

Tr. Pkt. ....45c      1/16 oz. ....70c      ½ oz. ....\$1.25

¼ oz. ....\$2.20      Oz. ....\$7.50

**COLOSSAL AND SKYSCRAPER (3 feet)**

**Colossal Finest Mixed.** Strain of tremendous vigor that produces strong stems with very large florets even under adverse conditions.

Tr. Pkt. ....60c      ¼ oz. ....\$2.40      Oz. ....\$7.50

**Giant Skyscraper.** Tall, base branching mixture of pastel shades.

Tr. Pkt. ....45c      ½ oz. ....\$1.00      ¼ oz. ....\$1.75      Oz. ....\$5.25



# All Breeds Choice Stocks

## A. B. C. GIANT COLUMN

### A SUPERIOR NON-BRANCHING STRAIN

The one enormous spike produced by this strictly non-branching type permits close planting and makes a most profitable greenhouse crop for spring cutting.

Our seed is grown for us by specialists who through careful selection and special trials do everything possible to insure your getting a high percentage of doubles.

Make successive sowings for a continuous supply of fine spring cut flowers. Grow cool (below 60°) to prevent blindness.

**American Beauty.** Rich deep carmine rose.

**Apricot No. 20.** Large flowered creamy buff.

**Avalanche.** Very fine new early white.

**Ball's White Improved No. 16.** Early long, compact spikes.

**Chamois Rose.** Rosy buff.

**Dark Apricot.** Darker than No. 20 Apricot. Long stems.

**Dark Blue.** A rather deep lilac.

**Elks Pride.** Deep blue.

**Gardenia Improved.** Purest white, long spiked.

**Pink Giant.** Clear rose pink. Long, stiff stems.

Huge flower spikes.

**Purple Heart.** Bright purple. Long stems and large flowers.

**Rose Pink.**

**Ruby.** Rich crimson-red.

**Shell Pink. (New).** Delicately shaded blush tone.

Early blooming. Large florets. Fine under artificial light.

**Silvery Lilac.** Lilac-lavender.

**Supreme No. 22.** Bright silvery pink.

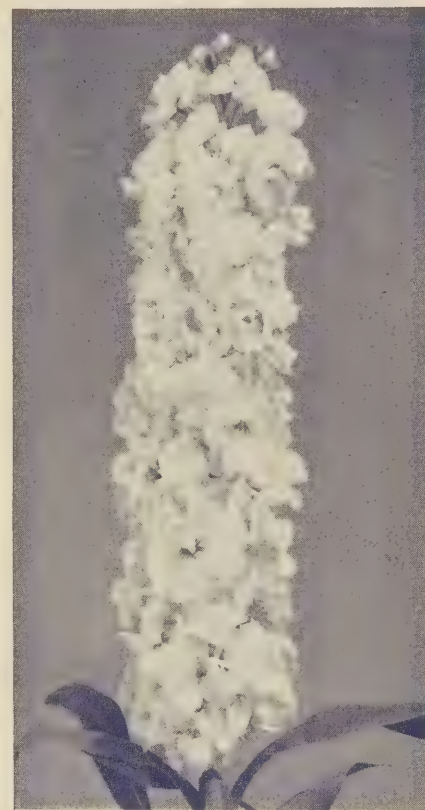
**White Giant.** Pure white with no green centers. Huge flower spike.

**Yellow Wonder.** Rich creamy yellow.

**Mixed.** A special blend of all varieties.

½ Tr. Pkt.....70c Tr. Pkt.....\$ 1.15

¼ oz. ....\$2.75 Oz. ....\$10.00



**A.B.C. Giant Column Stocks**

**Pacific Pink.** The first true pink Stock ever developed. Without lavender base. Extremely fine under artificial light. Superior to all similar strains.

½ Tr. Pkt...\$1.00 Tr. Pkt...\$1.75 ¼ oz...\$2.75 ¼ oz...\$5.00 ½ oz...\$10.00 Oz...\$18.00

**Pacific White.** A vigorous new early white, with extremely well spaced spikes. An all purpose Stock for greenhouse and outdoor use.

½ Tr. Pkt...90c Tr. Pkt...\$1.60 ¼ oz...\$2.50 ¼ oz...\$4.50 ½ oz...\$9.00 Oz...\$16.00

## BRANCHING STOCKS

When planted almost as close as the non-branching type and topped when they are about 6 inches high, they will produce many good spikes per plant almost as tall as the non-branching stocks.

### TRYSONIC GIANT IMPERIAL

A great achievement of finest breeding work. The seed produces 85% doubles, and the weaker seedlings, which will bring singles, can be removed early.

Now you will be able to get 100% double Stocks.

Bright Rose	Lilac Lavender	Canary Yellow	Navy Blue	White	Choice Mixed
½ Tr. Pkt...\$1.00	Tr. Pkt...\$1.75	¼ oz...\$2.75	¼ oz...\$5.00	½ oz...\$10.00	Oz...\$18.00

### IMPROVED BISMARCK (GIANT IMPERIAL)

Early large flowers on long stems make this type especially desirable for cutting where they are grown in the greenhouse or outdoors. High percentage of doubles. 26 inches.

**Blood Red.** Ruby color.

**Dark Blue.**

**Elk's Pride.** Rich purple.

**Flesh.** Delicate pink.

Tr. Pkt.....40c ¼ oz.....\$1.20 Oz.....\$3.80

**Finest Mixed.** Tr. Pkt.....30c ¼ oz.....\$1.10 Oz.....\$3.60

**Golden Ball.** Ivory yellow.

**Lavender.** Clear lilac lavender.

**Rose.** Fine bright rose.

**Shasta.** Giant white.

### GIANTS OF CALIFORNIA (Continued)

**Tahoe.** Lavender.

Tr. Pkt.....40c ¼ oz.....\$1.40 Oz.....\$4.80

**Yosemite.** Rose.

**Splendid Mixture.** Tr. Pkt.....30c ¼ oz.....\$1.25 Oz.....\$4.25

### BEAUTY OF NICE

Compact like the Ten Weeks Stocks, but not quite so dwarf. Plants have a pyramidal branching habit. Will flower in about 15 weeks from seed. 2 ft.

**Finest Mixed.** Tr. Pkt.....25c ¼ oz.....65c Oz.....\$2.35

### GIANTS OF CALIFORNIA

Very early flowering with a high percentage of double mammoth flowers, these have the branching habit of the Bismarck. If planted close they will nearly attain the height of the Column Stock, approximately 2½ to 3 feet.

**Golden Gate.** Golden yellow.

**Mojave.** Rich velvety-purple.

**Monterey.** Bright pink.

**Pacific.** Light blue.

**Redwoods.** Blood red.

**Santa Barbara.** Chamois.

**Santa Maria.** Pure white.

**Sequoia.** Rich sparkling carmine.

### TEN WEEKS

Dwarf, compact, and early; used for bedding and pot plants. Come into bloom about 10 weeks after seed is sown. 15 to 18 in.

**Blood Red**

**Canary Yellow**

**Carmine Pink**

**Deep Rose**

**Lavender**

**Purple**

**White**

Tr. Pkt.....30c ¼ oz.....65c Oz.....\$2.20

**Mixture.** Tr. Pkt.....30c ¼ oz.....60c Oz.....\$1.90





**Multiflora Sweet Peas**

## EARLY OR WINTER FLOWERING

We offer only those varieties which produce large well formed flowers on good strong stems. An August 1st sowing should make Christmas while September sowings will flower from February on. For late spring cutting we suggest the Cuthbertson type.

### CERISE

**Pride.** Brilliant pure, deep cerise, extra long stems. Vigorous.

### ORANGE

**Ball Orange Improved.** Early flowering clear orange. Long stiff stems.

**Treasure Island.** Sparkling golden orange. Large ruffled flowers.

### WHITE AND CREAM

**Hope Improved.** An exceptionally good white, black seeded.

**White Champion.** Pure white, long stems, white seeded.

**White Harmony.** Longest stemmed, black seeded white.

Prices on above: Oz.....55c      4 oz.....\$1.65      Lb.....\$6.00

**Finest Mixed.** A special blend of the better varieties. Oz.....50c      4 oz.....\$1.50      Lb.....\$5.50

## SPRING FLOWERING (Cuthbertson) SWEET PEAS

### Unexcelled for spring forcing and outdoor culture

The spring-flowering types give a much heavier crop of longer stemmed flowers than the standard early-flowering types but come into bloom a little later. Seed should not be sown before October in the greenhouse for flowering during March, April and early May. Sown early outdoors they are superior to, and come into flower earlier than, the standard summer flowering varieties.

**Alice. New.** Blush salmon pink on light cream ground.

**Billy.** Bright cerise rose on salmon.

**Carol.** Clear pink, white ground.

**Coline.** Scarlet.

**Danny.** Navy Blue.

**Doris.** Deep cherry rose.

**Evelyn.** Salmon cream pink.

**Frank G.** Clear lavender.

**Hazel.** Light blue.

**Helen.** Blush pink.

**Janet.** White, black seeded.

**Jennie.** Pure white, white seeded.

**Jessie.** Mauve.

**Lois.** Clear rose pink.

**Tommy.** Clear marine blue.

**Waneta. New.** Bright deep salmon.

**mon.**

Oz.....55c      4 oz.....\$1.65      Lb.....\$5.50

**A. B. C. FORMULA—MIXTURE.** A balanced blend of all colors.

Oz.....50c      4 oz.....\$1.50      Lb.....\$5.50

# A. B. C. Sweet Peas

## SALMON PINK AND SALMON ROSE

**Boon.** Fine deep salmon-rose on cream.

**Daphne.** Soft salmon pink on cream ground. Large flowers.

**Sequoia.** Extra large flowered golden salmon rose.

**Zwolanek's Salmon.** Giant flowered, salmon cerise.

## ROSE AND PINK

**Ball Rose Improved.** Deep bright rose. Strong free flowering habit.

**Bridesmaid.** Delightful silvery pink. Extra large flowers and long stems.

**Coquette.** Coral pink with amber and salmon shading.

**Jeanne Mamitsch.** Clear rose. Long stems.

**Josie.** Clear rose pink. Very productive. Requires more headroom.

**Laddie Improved.** Extra long stiff-stemmed rose.

**Shirley Temple.** Soft rose pink. Flowers are large and frilled.

## SCARLET AND MAROON

**Bacchus.** Extra deep-red maroon with large flowers and good stems.

**Grenadier.** Intense poppy scarlet.

**Redwood.** Deep crimson. Extra large flowered.

**Top Sergeant.** Deep blood-red crimson.

## LAVENDER AND PURPLE

**Amethyst.** Rich bright purple. Large fragrant flowers.

**Fragrance.** Fine lavender for spring flowering. Large ruffled flowers.

**Harmony.** Standard commercial lavender.

**Rhapsody.** Deep rosy-lavender. Flowers are extra large.

**Triumph.** Soft lilac mauve. Stems are long. Very popular.

## BLUE

**Blue Danube.** Showy clear deep blue. An excellent color.

**Mrs. Hoover.** Early mid-blue. Strong growing and fine for spring.

**Tahoe.** Dark blue. Deeper than Mrs. Hoover. Excellent for spring.

## ZWOLANEK EARLY MULTIFLORA SWEET PEAS

These new Sweet Peas carry 5 and more flowers on exceptionally long sturdy stems. Very free flowering, fine for Greenhouse and outdoors.

**Lavender.** Giant sized.

**Deep Rose.** A brilliant deep rose.

**Orange Cerise.** Beautiful color.

**Salmon Pink.** Extra large flowers, lovely pink suffused with salmon.

**Whirlwind.** Appleblossom pink. Fragrant, especially vigorous growth.

**Rose.** Fine clear rose pink. Well formed large flowers.

**White.** A glistening clear white, flowers of impressive size.

**Choice Mixed.**

Each: ½ oz.....\$1.75      Oz.....\$3.00

4 oz.....\$10.00      Lb.....\$30.00



## SUMMER FLOWERING SWEET PEAS

### THE BEST VARIETIES

We list only outstanding proven varieties.

- Capri.** A light blue. Long stemmed, vigorous grower.  
**Highlander.** Clear deep lavender.  
**Maytime.** Golden cerise. Large flowers on long stems.  
**Patricia Unwin.** Golden salmon.  
**Pinkie.** Excellent long-stemmed, large rose pink. Very productive.  
**Rubicund.** Crimson scarlet.  
**Shrimp Pink.** Soft silvery pink.  
**Snow White.** A solid paper white throwing immense flowers.  
**Welcome.** Deep sun-proof scarlet.  
**What Joy.** Rich deep cream, white seeded.  
**Windsor.** Large flowered and heavy stemmed, clear mid-blue.

Oz.....30c    4 oz.....95c    Lb.....\$3.10

**FINEST MIXED.** A fine combination of above varieties.

Oz.....25c    4 oz.....75c    Lb.....\$2.40

## SWEET WIVELSFIELD (*Dianthus*)

Clusters of flowers similar to Sweet William, but larger and more varied in shades of pink, rose, crimson and scarlet. Make excellent cut flowers as well as bedding plants. 12 inches.

- Single Mixed.** Tr. Pkt.....20c  
 ¼ oz.....40c    Oz.....\$1.10  
**Mixed Double.** Tr. Pkt.....30c  
 ¼ oz.....70c    Oz.....\$2.40

## THUNBERGIA (*Black-Eyed Susan*)

A climbing vine which forms a dense mat of foliage covered with bright colored flowers with showy black centers. Excellent for ground cover, hanging baskets or window boxes. 5 ft.

**Alata Mixed.** Tr. Pkt.....30c    Oz.....\$1.60

## TITHONIA (*Mexican Sunflower*)

Brilliant Dahlia-like flowers. Tall plants of dark green foliage which are excellent for backgrounds as well as cutting. Blooms in the Fall.

**Avalon Earliest.** Flowers range from orange topaz through tangerine. Plants grow six to seven feet tall.

Tr. Pkt.....25c    ¼ oz.....55c    Oz.....\$1.75

**Torch.** (New). Fiery scarlet flower. Early, compact and heat resistant.  
 4 ft. Tr. Pkt.....50c    ½ oz.....\$1.25    ¼ oz.....\$2.00

## TORENIA

**Fournieri Compacta.** Excellent for spring pot plant sales. Medium blue with dark blotches on lip. Dwarf growing.

Tr. Pkt.....60c    ½ oz.....\$1.40

## VENIDIUM

Graceful brilliantly colored single daisy-like flowers on long stems. Plants are bushy. An excellent cut flower. 2 ft.

**Fastuosum Hybrids.** A most interesting and attractive mixture of colors ranging from silvery white down through various shades of cream and orange-salmon. Tr. Pkt.....35c    ¼ oz.....\$1.00

## XERANTHEMUM (*Everlasting*)

Erect plants with silky foliage. The oldest and best known of the "everlastings."

**Double Mixed.** Tr. Pkt.....15c    Oz.....\$1.15

## WALLFLOWER EARLY WONDER

All Double, Benary's Reselected Strain.

This remarkable Wallflower comes into bloom within 4-5 months of sowing. Produces beautiful sweet scented flowers. Originator's pot-grown seed.

**Golden Yellow. Primrose.** Tr. Pkt....65c    ¼ oz....\$1.75    Oz....\$5.50

**Mixed.** Tr. Pkt.....40c    ¼ oz.....\$1.00    Oz.....\$3.00

## VERBENAS

### A.B.C. GIANT FLOWERED

Dwarf colorful plants which are excellent as ground covers, for edging and rock gardens, as well as cutting. They like poor soil and stand dry conditions very well. 8 to 12 inches.

- Annapolis Blue.** True mid-blue. **Lucifer.** Vivid scarlet.  
**Beauty of Oxford Hybrids.** Rose-pink to rose-red shades. **Royale.** Royal blue, creamy eye.  
**Cerise Queen.** Soft salmon cerise. **Scarlet with white eye.** A tall Dannebrog.  
**Crimson Glow.** Self-color. **Spectrum Red.** Intense bright red.  
**Dark Blue.** Deep violet. **Salmon King.** Deep salmon.  
**Etna.** Geranium red, cream eye. **Violacea Stellata.** Deep violet, white eye.  
**Floradale Beauty.** Giant salmon, rose and red shades. **Vivid.** Very bright sunproof scarlet.  
**Lavender Glory.** True lavender. **White.** Pure white.  
**Luminosa.** Luminous flame pink shading to salmon. **Choice Mixed.**

Tr. Pkt.....40c    ¼ oz.....85c    Oz.....\$3.00

### UPRIGHT TYPE

**Rainbow Mixture.** (New) See Novelties. The earliest of all verbenas.

Tr. Pkt.....55c    ¼ oz.....\$1.65    Oz.....\$5.00

### BUSH TYPE.

Uniform bushy plants, about 9" high. Fine for borders.

- Roselight.** Bright rose pink, white eye.  
**Salmon Queen.** Salmon pink.  
**Starlight.** Violet blue, white eye.  
**Snow White.** Large flowers.  
**Mixed.** Very attractive.  
 Tr. Pkt.....60c    ¼ oz.....\$1.35    Oz.....\$4.50

### COMPACTA

An extra dwarf type. Excellent for pot plants and edging. 4 to 6 in.

**Sparkle.** Scarlet with large white eye. The brightest, best flowering Verbena. Tr. Pkt.....55c    ¼ oz.....\$1.65    Oz.....\$5.00

**Dannebrog.** Scarlet, white eye.

**Dwarf Mixed.** Tr. Pkt.....40c    ¼ oz.....\$1.10    Oz.....\$3.30

## VINCA ROSEA (*Periwinkle*)

Erect, bushy plants with glossy leaves and large bright single-flowers. Withstands hot weather. Requires a warm house and an early start. 18 inches.

- Alba Oculata.** White, rose eye. **Rosea.** Pink.  
**Alba Pura.** Pure white. **Finest Mixed.**  
**Crimson.**  
 Tr. Pkt.....30c    ¼ oz.....70c    Oz.....\$1.90



**Verbena Sparkle**



**Zinnia Giant Mammoth****FANTASY**

Medium sized shaggy flowers with curled and twisted petals. 2 ft.

<b>Rosalie.</b> Intense rose.	<b>White Light.</b> Pure white.
<b>Star Dust.</b> Deep golden yellow.	<b>Wildfire.</b> Dazzling scarlet.
<b>Orange Lady.</b> Deep bright orange.	<b>Finest Mixed.</b>
Tr. Pkt.....30c	1/4 oz.....50c Oz.....\$1.40

**MISCELLANEOUS TYPES**

**SUPER CROWN OF GOLD, PASTEL TINTS.** Large well-formed flowers in rich pastel shades, each petal overlaid at the base with deep golden yellow. Tr. Pkt.....30c 1/4 oz.....50c Oz.....\$1.35

**PERSIAN CARPET.** (New). All-American Selection. Fully double, miniature type flowers of variegated golds, browns and oranges. Flowers on cutting stems on low mound-shaped plants.

Tr. Pkt.....40c	1/4 oz.....\$1.10	Oz.....\$4.00
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**PEPPERMINT STICK.** (New). Medium-sized Pumila type flowers on tall, robust plants. Striped flowers in bright, mixed colors.

Tr. Pkt.....35c	1/4 oz.....75c	Oz.....\$2.40
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**CUPID FINEST MIXED.** Small button-like flowers. Dwarf, well formed plants. 1 ft. Tr. Pkt.....25c 1/4 oz.....45c Oz.....\$1.25

**BURPEE'S SUPER GIANTS.** Very large flowers which have a pleasing diversity of petal and flower form in a wide range of colors. 3 ft.

<b>Finest Mixed.</b> Tr. Pkt.....40c	1/4 oz.....60c	Oz.....\$2.20
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**GAILLARDIA FLOWERED or NAVAJO MIXED.** Resemble Picta Double Gaillardia in form and coloring.

Tr. Pkt.....35c	1/4 oz.....45c	Oz.....\$1.35
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**GRACILLIMA (Red Riding Hood).** Miniature bright crimson flowers about half the size of the Lilliputs. 1 ft.

Tr. Pkt.....30c	1/4 oz.....50c	Oz.....\$1.50
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**EARLY WONDER.** Earliest of all Zinnias, for short season locations. 18-24" high, basal branching, with many medium sized double flowers.

Tr. Pkt.....30c	1/4 oz.....50c	Oz.....\$1.50
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**LILLIPUT "TOM THUMB" MIXTURE.** Desirable for rock gardens, pot plants and bedding. A good range of colors. 4 to 6 inches.

Tr. Pkt.....25c	1/4 oz.....40c	Oz.....\$1.20
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**LINEARIS.** The single flowers are a lovely shade of golden orange, with a delicate lemon yellow stripe through each petal. Centers are dark brown.

Early blooming. Tr. Pkt.....25c	1/4 oz.....65c	Oz.....\$2.00
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# A.B.C. Zinnias

One of the most popular and easily grown annuals. Zinnias grow in most any soil, but do best in a sunny location and thrive on heat. Under glass an April sowing will yield fine cut flowers in early June.

**DAHLIA-FLOWERED**

**BODGER'S GOLD MEDAL STRAIN.** Flowers are large and deep with rounded incurved petals. Well branched plants produce long sturdy stems, 2½ to 3 ft.

<b>Canary Bird.</b> Rich primrose-yellow.	<b>Luminosa.</b> Deep pink.
<b>Crimson Monarch.</b> Deep crimson.	<b>Oriole.</b> Orange and gold.
<b>Dream.</b> Fine deep lavender.	<b>Polar Bear.</b> Large white.
<b>Eldorado.</b> Salmon-apricot.	<b>Purple Prince.</b> Deep purple.
<b>Exquisite.</b> Fairly deep rose.	<b>Scarlet Flame.</b> Bright scarlet.
<b>Golden State.</b> Rich orange-yellow.	<b>Will Rogers.</b> Deep scarlet.
<b>Illumination.</b> Deep rose.	<b>Gold Medal Special</b>
Tr. Pkt.....30c	1/4 oz.....50c
Oz.....\$1.35	4 oz.....\$4.40 Lb.....\$15.50

**GIANT MAMMOTH**

Immense double flat flowers with overlapping petals more loosely placed than the Dahlia flowered type. 3 ft.

<b>Brightness.</b> Bright deep rose.	<b>Miss Willmott.</b> Soft pink.
<b>Cherry (Cerise) Queen.</b> Cherry rose.	<b>Orange King.</b> Deep orange
<b>Daffodil.</b> Bright canary yellow.	<b>Purity.</b>
<b>Enchantress.</b> Light rose, deep rose center.	<b>Rose Queen.</b> Bright rose.
<b>Golden Queen.</b>	<b>Salmon Queen.</b> Salmon rose
<b>Lavender Queen.</b>	<b>Scarlet Queen.</b>
Tr. Pkt.....30c	1/4 oz.....50c
Oz.....\$1.25	Lb.....\$14.50

**GIANT CACTUS**

**Blaze.** All America Winner. See Novelties. Brilliant mandarin-red, a fiery beauty! Tr. Pkt...75c 1/8 oz...\$1.25 1/4 oz...\$2.25 Oz...\$6.50

**Burpee Hybrids.** Immense fluffy and ruffled flowers in a wide range of colors. The blooms grow up to 6" across and resemble giant Chrysanthemums, without the stiffness associated sometimes with Zinnias. The plants are 3' tall, strong growing and free blooming.

**Chrysantha.** Chrysanthemum formed flowers, 5-5½" across, higher globular shaped than the Burpee Hybrids, containing all the vivid Zinnia colors. Very remarkable new strain.

**Eskimo.** (New). Creamy white.

**Riverside Beauty.** Warm, bright azalea-pink color.

**Sunny Boy.** (New). Rich buttercup-yellow.

Tr. Pkt.....60c	1/4 oz.....\$1.00	Oz.....\$3.00	4 oz.....\$9.00
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**Floradale Scarlet.** Large, vibrant scarlet flowers of strap shaped ruffled petals. Showy in the garden and for cutting.

Tr. Pkt.....35c	1/4 oz.....90c	Oz.....\$2.75	4 oz.....\$8.00
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**PUMILA DWARF DOUBLE****(Cut and Come Again)**

A most desirable type for bedding as well as cut flowers. Flowers about 2½ inches across are freely produced on long stems. 24 inches

<b>Canary-Yellow.</b>	<b>Crimson.</b>	<b>White.</b>
<b>Golden Orange.</b>	<b>Scarlet.</b>	<b>Mixed.</b>
<b>Spun Gold.</b>	<b>Salmon Rose.</b>	
<b>Sunshine Tints.</b> Autumn tints of bronze golden yellow, apricot, and rich rose.		
Tr. Pkt.....20c	1/4 oz.....35c	Oz.....85c

**LILLIPUT OR POMPON IMPROVED**

Flowers are small, compact and symmetrical. Plants are dwarf and bushy. 18 inches.

Dainty Gem. Dainty bi-color rose.	Salmon Gem.		
Black Ruby.	Scarlet Gem.		
Canary Gem.	White Gem.		
Crimson Gem.	Rosebud. Clear deep rose-pink.		
Purple Gem.	Pink Gem. Deep flesh.		
Golden Gem.	Valencia. Attractive burnt orange.		
Lilac Gem.	Mixed.		
Tr. Pkt.....30c	1/4 oz.....50c	Oz.....\$1.15	Lb.....\$10.90



# A. B. C. Supreme Quality Hardy Perennial Seed

**Grow your Perennials in A. B. C. Plant Bands  
for better plants and bigger sales**

## ROCK GARDEN PERENNIALS

**Choice Blend.** Low growing varieties of hardy perennials, including many rare kinds, growing well from seed sowed directly into the rock garden. Sell this seed to your customers. Don't miss this profitable chance.

Tr. Pkt.....	35c	1/4 oz.....	80c	Oz.....	\$2.50
1/4 lb.....	\$7.70	Lb.....			\$22.00

## ACHILLEA (Milfoil, Yarrow)

**Parmica "The Pearl."** One of the best hardy white perennials. Covered with heads of purest white double flowers from June until frost.

**Filipendula Parkers Variety.** Golden yellow, long stemmed. Excellent cut flower.

Tr. Pkt.....	30c	1/8 oz.....	70c	1/4 oz.....	\$1.20
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## ACONITUM (Monkshood, Helmet Flower)

**Napellus.** Produces long spikes set with blue flowers. Seed is of slow germination; 3 to 5 feet. Tr. Pkt.....30c 1/4 oz.....95c

## AGROSTEMMA

**Coronaria Atrosanguinea (Rose Campion).** Deep blood red, 28 inch. Tr. Pkt.....20c Oz.....60c

## ALYSSUM

**Saxatile Compactum (Basket of Gold).** An indispensable plant for the rockery or border, growing 1 foot high.

Tr. Pkt.....	25c	1/4 oz.....	50c	Oz.....	\$1.50
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## ANCHUSA

**Italica, Dropmore Variety.** Grows 3 to 5 feet high; bears during May and June in abundance; flowers of the richest Gentian blue.

Tr. Pkt.....	25c	Oz.....	\$1.75
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**Myosotidiflora.** Forget-me-not blue, flowers April-May. Seed should be refrigerated 72 hours before sowing.

Tr. Pkt.....	60c	1/8 oz.....	\$1.35	1/4 oz.....	\$2.50
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## ANEMONE (Windflower)

**St. Brigid.** An excellent mixture of double and semi-double blooms in a wide range of brilliant colors. Flower from May to June. 1 ft.

Tr. Pkt.....	60c	1/4 oz.....	90c	Oz.....	\$3.30
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## ANTHEMIS (Marguerite)

**Kelwayii.** A most satisfactory, hardy perennial bearing daisy-like lemon yellow blossoms. Excellent for cutting. 2 feet.

Tr. Pkt.....	20c	Oz.....	70c
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## AQUILEGIA (Columbine)

**Alpina.** Rich blue. Short spurred. 2 ft.

Tr. Pkt.....	40c	1/4 oz.....	85c	Oz.....	\$3.30
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**Chrysantha.** Golden yellow. Long spurred.

Tr. Pkt.....	40c	1/4 oz.....	85c	Oz.....	\$3.30
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**Chrysantha Silver Queen.** Silvery white. Long spurred. 2 ft.

Tr. Pkt.....	40c	1/4 oz.....	95c	Oz.....	\$3.60
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**Coerulea.** (Rocky Mountain Columbine). Violet-blue and white. April to July. 1 1/2 to 2 ft.

Tr. Pkt.....	40c	1/4 oz.....	\$1.00	Oz.....	\$3.60
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**Crimson Star.** Long spurred, rich crimson with white.

Tr. Pkt.....	60c	1/8 oz.....	\$1.75	1/4 oz.....	\$3.00
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**Formosa.** Hybrids. Long spurred, carmine with yellow.

Tr. Pkt.....	40c	1/4 oz.....	\$1.10	Oz.....	\$3.80
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**Mrs. Scott Elliot.** Hybrids. Long spurred. Wide range of color.

Tr. Pkt.....	40c	1/4 oz.....	\$1.10	Oz.....	\$3.80
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**Rose Queen.** Rose with white corolla.

Tr. Pkt.....	40c	1/4 oz.....	\$1.10	Oz.....	\$3.80
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**Aquilegia Crimson Star, rich crimson with white**

## ARABIS (Rock Cress)

Showy dwarf spreading plants succeeding best in a sunny, well drained location. Blooms in early spring. Excellent for edging and rock gardens.

**Alpina.** Masses of white flowers. 8 to 12 inches.

Tr. Pkt.....	25c	1/4 oz.....	60c	1 oz.....	\$1.85
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## ARMERIA (Sea Pink)

Plants with tufted growth and globe shaped flowers borne well above the plants on stiff stems.

**Formosa.** Large flowering hybrids. About 2 ft.

Tr. Pkt.....	40c	1/8 oz.....	80c	1/4 oz.....	\$1.35
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## ASTER

<b>Alpine Mixed.</b> Tr. Pkt.....	50c	1/8 oz.....	\$1.00
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## AUBRIETIA

Dwarf spreading plants which are covered with masses of flowers in April and May. 6 inches.

		Tr. Pkt.	1/8 oz.
<b>Giant Flowered Hybrids.</b> Mixed.....	50c		\$1.00

## BAPTISIA

**Australis (False Indigo).** Racemes of indigo blue. Pea shaped flowers. Tr. Pkt.....25c Oz.....80c

## BELLIS PERENNIS MONSTROSA

**Double English Daisy.** Very large double bright colored flowers. They do best in moist, well drained soil. 6 inches.

<b>Red.</b>	<b>Rose.</b>	<b>Snowball.</b>	<b>Mixed.</b>
Tr. Pkt....	60c	1/16 oz....	\$1.10
		1/8 oz.....	\$2.00
		1/4 oz.....	\$3.30
<b>Tubulosa Aetna.</b> Deep red, quilt rays. Tr. Pkt....	60c	1/4 oz.....	\$3.30



**A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS****Shasta Daisy Diener's Giant Double White****CAMPANULA (Biennial)****CALYCANTHEMA (Cup and Saucer)**

Similar to Single Canterbury Bells but with a large calyx which is the same color as the cup shaped corolla. Blooms in June. 2 ft.

Dark Blue	Lilac	Rose-Pink	White	Mixed
Tr. Pkt.....	25c	1/4 oz.....	60c	Oz.....
				\$1.70

**MEDIUM SINGLE (Canterbury Bells)**

MEDIUM SINGLE (Cantonbury Bells)					
Dark Blue	Lilac	Rose	White	Mixed	
Tr. Pkt.....	20c	1/4 oz.....	30c	Oz.....	90c

**MEDIUM DOUBLE (Canterbury Bells)**

Rose	Blue	White	Mixed
Tr. Pkt.....	30c	1/4 oz.....	80c
		Oz.....	\$2.80

**CAMPANULA (Perennial)**

**Carpatica (Hare Bell).** Glistening violet blue cup shaped blooms on slender stems. Quickly widening clump of leaves. 10 in.

Tr. Pkt.....	25c	1/8 oz.....	85c	1/4 oz.....	\$1.50
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**PERSICIFOLIA GRANDIFLORA (Peach Bells)**

Bell-shaped flowers with peach-like leaves. Blooms from June to July. Fine stems for cutting. 2 ft.

Blue	White	Mixed
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**Telham Beauty.** Immense bell-shaped flowers of a pale China blue, produced on long stems.

Tr. Pkt.....	40c	1/8 oz.....	\$1.00	1/4 oz.....	\$1.85
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**PYRAMIDALIS (Chimney Bellflower)**

Star-shaped flowers on tall plants which make good backgrounds. Blooms from August to September. 4 to 6 ft.

Blue	White	Mixed			
Tr. Pkt.....	40c	1/8 oz.....	\$1.00	1/4 oz.....	\$1.85

**ROTUNDIFOLIA (Blue Bells of Scotland)**

Graceful, drooping mid-blue, bell-shaped flowers on slender stems. 12 inches. Tr. Pkt.....

60c	1/8 oz.....	\$1.10	1/4 oz.....	\$1.95
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**CARNATION**

**GRENADIN.** A hardy type which is excellent for cutting. 2 ft.

Black King.	Dark red.	White.	Snow white.
Cardinal.	Scarlet.	Golden Sun.	Golden yellow.
Triumph Pink.	Rose-pink.	Mixed.	

Tr. Pkt.....	60c	1/4 oz.....	\$2.20	Oz.....	\$6.60
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**CERASTIUM**

**Tomentosum.** (Snow in summer.) Foliage silvery white; white flowers. Tr. Pkt.....

25c	Oz.....	\$2.00
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**CHEIRANTHUS (Wallflower)**

**Allioni.** Brilliant orange. 12 inches. Tr. Pkt... 20c Oz... 50c 4 oz... \$1.35

**Golden Bedder.** Golden yellow. Tr. Pkt... 20c Oz..... \$1.00

**COREOPSIS (Perennial Calliopsis)**

**Mayfield Giant.** Deep golden yellow. Tr. Pkt... 20c 1/4 oz... 30c Oz... 85c

**Double Sunburst.** Deep golden yellow flowers. Tr. Pkt... 25c Oz... \$1.20

**DAISY, SHASTA**

**Diener's Giant Double White.** Produces immense white flowers 4 and 5 inches across. Blooming over a period of several months, the flowers are almost fully double when plants become thoroughly established.

Tr. Pkt.....	60c	1/16 oz.....	\$1.25	1/8 oz.....	\$2.20
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**G. Marconi (Diener.)** Excellent variety for greenhouse and outdoor culture. Produces giant double flowers of about 7 inches diameter. Stems 2 1/2 to 3 feet long. Originators Pkt.....

80c
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**Alaska.** The popular standard Shasta Daisy. Domestic seed. 3 ft.

Tr. Pkt.....	25c	1/4 oz.....	50c	Oz.....	\$1.50
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**Spring Marguerite.** The earliest of all. Tr. Pkt. 25c 1/4 oz. 50c 1 oz. \$1.50

**DIANTHUS (Hardy Pinks)**

**BARBATUS (Sweet William)**

**SINGLE**

**Dark Crimson.**

**Newport Pink.** Salmon.

**Giant White.**

**Scarlet Beauty.** Intense bright scarlet.

**Holborn Glory.** Crimson, large white eye.

**Mixed.**

Tr. Pkt.....	35c	1/4 oz.....	80c	Oz.....	\$2.50
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**Single Midget Mixed.** Lovely compact alpine plants 4 inches tall in a wide range of colors. Perfect for perennial border and used by many as a pot plant. Tr. Pkt.....

60c	1/4 oz.....	\$1.50	Oz.....	\$4.80
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**DOUBLE**

**Double Midget Mixed.** See description of single.

Tr. Pkt.....	40c	1/4 oz.....	\$1.00	Oz.....	\$3.00
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Mixed. Tr. Pkt.....	40c	1/4 oz.....	80c	Oz.....	\$2.90
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**SPECIES**

**Rock Garden Species Mixed.** A special mixture containing varieties suitable for the rockery. Tr. Pkt... 50c 1/8 oz... \$1.00 1/4 oz... \$1.75

**Alwoodii Alpinus.** 8". Shades of pink. Attractive little rock plant.

Tr. Pkt.....	35c	1/8 oz.....	\$1.00	1/4 oz.....	\$1.75
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**Deltoides Brilliant.** 8". Bright crimson-pink flowers, fine feathery foliage. Tr. Pkt.....

40c	1/8 oz.....	90c	1/4 oz.....	\$1.50
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**Deltoides Splendens.** 8". Amaranth purple. Charming bushes for the rock garden.

Tr. Pkt.....	40c	1/8 oz.....	90c	1/4 oz.....	\$1.50
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**PLUMARIUS (Clove Pinks)**

Tr. Pkt. Oz.

**Spring Beauty.** A wide color range of large carnation-like flowers of giant size. Fragrant.... (1/4 oz., \$1.50)

**Scoticus Double Special Florist Strain.**

Self colors of various tints of pink, rose, salmon and white, and the combination of these colors with bright crimson zones. Free flowering. 12-15 inch stems.

(1/4 oz., \$1.75)	40c	5.25
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Single Mixed	(1/4 oz., 50c)	20c	1.50
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**DICENTRA**

**Spectabilis.** Bleeding Heart. An old favorite, always attractive. Can be forced. Tr. Pkt.....

\$1.00
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**Eximia.** (Plumed Bleeding Heart). 12 in. (1/4 oz., \$1.10) 40c \$3.90

**DIGITALIS (Foxglove)**

**Gloxiniæflora.** Mixed spotted flowers..... (1/4 oz., 65c) 25c 2.00

**Shirley Mixed** ..... (1/4 oz., 70c) 30c 2.50



# All Breeds Choice Delphinium

## THE NEW GIANT PACIFIC HYBRIDS

By far the best strain of Delphinium, it is absolutely necessary to every florist. It is comparatively resistant to mildew and practically all double. The huge florets in enormous spikes stand on thin tough stems and do not shatter.

**Astolat Series.** (Vetterle & Reinelt). A new Giant Pacific Hybrid varying in color from pale blush through lilac pink to deep raspberry rose. Large brown, fawn and black bees. Originator's seed.  
Tr. Pkt....\$2.25    1/8 oz....\$4.50    1/4 oz....\$8.00    Oz....\$24.00

**Black Knight Series.** Darkest of all. Flowers 2½ to 3 in., with heavy, velvety texture.

**Blue Bird Series.** A white bee on the clearest medium blue petals

**Bluejay Series.** Same clear blue with black bee.

**Cameliard Series.** Lavender self with white bee; perfectly formed flowers, round and flat. Spikes are uniformly in balance.

**Galahad Series.** Finest white, 3-inch flowers; pyramidal spikes. Good branching habit, strong stems.

**Guinevere Series.** Light pink-lavender with white bee. Large spikes. Excellent branching habit.

**King Arthur Series.** Royal violet with white bee. 2½-inch flowers on thin woody stems with graceful foliage.

**Lancelot Series.** Clear lilac self, a rare color; white bee.

**Percival Series.** Glistening, white flowers with dark bees.

**Summer Skies.** Light blue with white bee. Flowers 2 to 2½ inches in diameter.

**A.B.C. Formula Blend.** Superior blending of the finest named series.

**Round Table Series.** A mixture of the originator's newest unnamed shades and types.

Tr. Pkt....\$1.50    1/8 oz....\$2.50    1/4 oz....\$4.50    Oz....\$15.50

### GIANT PACIFIC HYBRID SHADES

**Blue Shades.**                      **Lavender Pastel Shades.** Lavender

**Clear White.**                      shades, dark bee.

**Violet Shades.** White bees.    **Mixture.** All colors.

Each Tr. Pkt....\$1.00    1/8 oz....\$2.00    1/4 oz....\$3.50    Oz....\$12.00



**Giant Pacific Hybrids**



**Delphiniums are the most excellent flowers for cutting, bringing joyous splendor into every room**

### BLACKMORE & LANGDON'S HYBRID MIXTURE

American Grown Seed. Excellent strain.

Tr. Pkt.....60c    1/4 oz.....\$1.10    Oz.....\$3.75    4 oz.....\$12.00

### CHINENSIS

A useful cut flower and effective in mass plantings.

**Blue Mirror.** Bright navy blue, spurless flowers. 15 inches.

Tr. Pkt.....50c    1/4 oz.....\$1.25    Oz.....\$3.75

**Cambridge Blue.** Rich belladonna blue. 3 ft.

Tr. Pkt.....35c    1/4 oz.....75c    Oz.....\$2.50

### MISCELLANEOUS STRAINS

**Sapphire (New).** An excellent florist item. See Novelties.

Tr. Pkt.....75c    1/4 oz.....\$2.50

**Belladonna Improved (Cliveden Beauty).** A very select strain of brilliant turquoise blue.

**Bellamosum Improved.** A rich, deep blue.

Tr. Pkt.....40c    1/4 oz.....\$1.00  
Oz.....\$3.25    4 oz.....\$11.00    Lb.....\$40.00

**Cardinale.** Scarlet flowers, yellow center.

Tr. Pkt.....40c    1/4 oz.....85c    Oz.....\$3.20

**Lamartine.** Fairly deep extra bright marine blue.

Tr. Pkt.....50c    1/4 oz.....\$1.40    Oz.....\$4.85



**Gaillardia. Excellent for Cutting****ECHINOPS (Globe Thistle)**

**Sphaerocephalus.** Light blue. Hardy anywhere. A quaint and attractive cutflower. Tr. Pkt. .... 35c ¼ oz. .... \$1.00 Oz. .... \$3.00

**ERYNGIUM (Sea Holly)**

**Bourgatii.** Excellent steel blue thistle for cutting. Tr. Pkt. .... 40c ¼ oz. .... \$1.85

**EUPHORBIA**

**Polychroma.** Bushy plants with splendid bright yellow bracts. Tr. Pkt. .... 60c 1/16 oz. .... \$1.35

**FEVERFEW (see Matricaria)****GAILLARDIA**

	Tr. Pkt.	Oz.
<b>Bremen.</b> Copper-scarlet with yellow tipped petals. Long stems ..... (¼ oz., 75c)	30c	\$2.50
<b>Burgundy.</b> Shining wine-red, large excellent flowers. (¼ oz. 95c)	35c	3.50
<b>Dazzler.</b> Intense golden yellow with maroon center. Preferred by florists. 3 ft. .... (¼ oz., 60c)	25c	1.85
<b>Goblin.</b> Bicolor red and gold, dwarf compact bushes. (¼ oz. 80c)	30c	2.75
<b>The King.</b> Giant flowered strain, blooms gold and blood-red. .... (¼ oz. 60c)	30c	1.90
<b>Portola Hybrids.</b> Plants of strong, vigorous, upright habit. Red flowers tipped golden yellow. Strong stems. 2½ to 3 ft. .... (¼ oz., 60c)	30c	1.95

**GERBERA**

Excellent for pots or cutflowers. (Greenhouse perennial). Fine single and duplex strain.

**Jamesonii Hybrids.** Mixed. 100 seeds 50c 1000 seeds 4.00

**GEUM**

	Tr. Pkt.	Oz.
<b>Lady Stratheden.</b> Large double flowers of rich golden yellow ..... (¼ oz., 90c)	30c	\$2.90
<b>Mrs. Bradshaw.</b> Large double scarlet. .... (¼ oz., 75c)	30c	2.60

**GYSOPHILA (Baby's Breath)**

	Tr. Pkt.	Oz.
<b>PANICULATA.</b> Fine mist-like flowers which make excellent filler for bouquets.		
<b>Single.</b> Pure white .....	20c	60c
<b>Double.</b> Pure white ..... (¼ oz., \$1.35)	50c	\$4.75
<b>PACIFICA.</b> Small pink blooms borne profusely after the Paniculata varieties are past. .... (¼ oz., 90c)	30c	3.30
<b>REPENS.</b> Excellent for rock gardens or edging. 6 inches.		
<b>White</b> ..... (¼ oz., 75c)	25c	2.35
<b>Rosea</b> ..... (¼ oz., 90c)	30c	3.40

**A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS****HELENIUM**

Excellent cutflower.

**Hybridum Praecox Mixed.** Large flowered, yellow, bronze and brown shades. 4'. Tr. Pkt. .... 40c ¼ oz. .... \$1.00 ¼ oz. .... \$1.75

**Hoopesii.** Golden yellow. 2½'. Tr. Pkt. .... 35c ¼ oz. .... 75c ¼ oz. .... \$1.20

**HELIANTHEMUM**

**Mutabile (Sun Rose).** Dwarf bushes covered with blooms in many colors. Highly attractive for the rock garden.

Tr. Pkt. .... 25c ¼ oz. .... 45c Oz. .... \$1.50

**HELIOPSIS (Sun's Eye)**

**Scabra Zinniaeflora.** Rich golden, half-double blooms of 2 in. diameter. Excellent for cutting. Tr. Pkt. .... 40c ¼ oz. .... 65c

**HEUCHERA (Coral Bells)**

Dainty bell-shaped flowers on slender stems are held well above the light green, slightly hairy leaves. 18 in.

**Sanguinea Splendens.** Vermilion. Tr. Pkt. .... 60c 1/16 oz. .... \$1.85

**Sanguinea Hybrids.** Mixed colors. Tr. Pkt. .... 60c 1/16 oz. .... \$1.65

**HIBISCUS (Mallow Marvels)**

A shrub-like plant bearing huge single flowers in August and September. 4 ft.

**Giant Mixed.** Red, pink and white.

Tr. Pkt. .... 25c ¼ oz. .... 50c Oz. .... \$1.35

**HOLLYHOCK (Althea Rosea)****DOUBLE STRAINS**

**Chater's.** The popular double in separate colors.

Bright Rose	Lilac	Maroon	Newport Pink	Red	Crimson
Salmon-rose	Scarlet	White	Yellow	Mixture	
Tr. Pkt. .... 30c	¼ oz. .... 55c	Oz. .... \$1.70			

**Imperator Improved.** Very large double fringed blooms in delicate tints shading from pink to cerise salmon. 5 to 6 ft.

Tr. Pkt. .... 35c ¼ oz. .... 55c Oz. .... \$1.85

**Triumph.** A mixture of rich colors. Large double flowers somewhat earlier and having a more dwarf, branching habit than others. 4 to 5 ft.

Tr. Pkt. .... 35c ¼ oz. .... 50c Oz. .... \$1.65

**A.B.C. Special Mixture.** Very rich. Tr. Pkt. .... 35c ¼ oz. .... 55c 1 oz. .... \$2.00

**IBERIS (Hardy Candytuft)**

**Gibraltarica.** Lilac shading white. Flowers large. Plants about 1 ft. Tr. Pkt. .... 25c ¼ oz. .... 50c Oz. .... \$1.50

**Sempervirens.** The popular hardy white variety. 1 ft. Tr. Pkt. .... 65c ¼ oz. .... \$1.50 Oz. .... \$5.50

**LATHYRUS (Hardy Sweet Pea)**

**Latifolius.** A showy, free-flowering, climber for covering old stumps, fences, etc. Continually in bloom, fine for cutting.

Crimson	Pink Beauty	White Pearl	Mixture
Tr. Pkt. .... 30c	¼ oz. .... 45c	Oz. .... \$1.50	

**LIATRIS (Blazing Star, Gay Feather)**

**Pycnostachya.** Most showy and attractive with its long spikes of rosy purple flowers from July to September; 5 feet.

Tr. Pkt. .... 35c ¼ oz. .... 85c Oz. .... \$2.75

**Scariosa.** Deep purple flowers on graceful stems 3 to 4 feet high. Tr. Pkt. .... 40c ¼ oz. .... \$1.00 Oz. .... \$2.85

**Scariosa Alba.** Fine pure white, 2½', attractive cutflower.

**Scariosa September Glory.** Particularly valuable because it comes into flower all at once. September flowering on 6 ft. spikes.

Tr. Pkt. .... 60c ¼ oz. .... \$1.80 Oz. .... \$6.00

**LILIUM**

**Longiflorum Praecox "White Queen."** One of the best lilies grown from seed. Excellent for cutting and pots.

Tr. Pkt. .... \$1.25 ¼ oz. .... \$3.00

**Philippinense Formosanum.** Large, white, long-trumpet-shape flowers, like an Easter Lily. Very fragrant. 2 to 3 feet.

Tr. Pkt. .... 60c ¼ oz. .... \$1.10 Oz. .... \$4.00



## A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS

### LILIUM (Continued)

**Lilium Regale.** Easily grown from seed, flower the second season.  
Tr. Pkt.....25c ¼ oz.....50c Oz.....\$1.50

**Lilium Tenuifolium (Coral Lily).** Bears in profusion medium-sized flowers of perfect form and of dazzling coral red. May. 1 to 2 feet.  
Tr. Pkt.....35c ¼ oz.....85c Oz.....\$3.00

### LINUM

**Perene.** Attractive blue flowers produced on plants 2½ ft. tall.  
Tr. Pkt.....20c Oz.....60c

**Flavum Nanum Compactum.** Dwarf yellow continuous bloomer. 6 in.  
Tr. Pkt.....40c ¼ oz.....80c

### LOBELIA

**Cardinalis (Cardinal Flower).** Fiery red flowers. 3 ft. Tr. Pkt.....40c

### LUNARIA

**Biennis Alba (Honesty).** White flowers followed by silvery flat pods. Prized for winter bouquets.  
Tr. Pkt.....25c ¼ oz.....35c Oz.....\$1.25

### LUPINUS (Polyphyllus)

Spike resembles a closely set, well rounded column of Sweet Peas. Requires a well drained location and thrives in cool climate.

**Russell Mixed.** A wide range of extraordinary colors both selfs and bicolors. Tr. Pkt.....40c ¼ oz.....70c Oz.....\$2.20

**Albus.** Clear white spikes. Tr. Pkt...20c ¼ oz...30c 1 oz...\$1.00

**Brilliancy.** Bright red shades. Tr. Pkt...30c ¼ oz...65c 1 oz...\$2.00

**Coeruleus.** Dark blue. Tr. Pkt...20c ¼ oz...30c 1 oz...\$1.00

**A. B. C. Special Mixture.** New beautiful color effect, containing many rare shades. Excellent. Tr. Pkt....40c ¼ oz...70c Oz...\$2.20

### LYCHNIS (Maltese Cross)

**Chalcedonica.** Bright fiery scarlet flowers in June and July. 2 ft.  
Tr. Pkt.....30c ¼ oz.....50c Oz.....\$1.60

### MATRICARIA (Feverfew)

**Ball's Double White.** This is the only full double flowering pure white strain of Feverfew from seed. 18 inches. Tr. Pkt.....40c ½ oz.....\$1.10 ¼ oz.....\$1.80 Oz.....\$5.85

**Golden Ball.** Yellow. 8 inches. Tr. Pkt...35c ¼ oz...75c Oz...\$2.50

### MYOSOTIS (Forget-Me-Not)

**Oblongata, Blue Bird.** Large deep blue flowers 3 to 4 months after sowing. Also splendid for growing indoors during the winter. 12 inches.  
Tr. Pkt.....40c ¼ oz.....\$1.00 Oz.....\$3.50

**Alpestris, Royal Blue.** Deep rich blue flower.  
Tr. Pkt.....40c ¼ oz.....85c Oz.....\$3.00

**Alpestris Blue Basket.** Deepest blue, bushy plants.  
Tr. Pkt....40c ½ oz....90c ¼ oz....\$1.65 1 oz....\$5.00

**Alpestris Victoria.** Blue, globular. Dwarf, compact plants.  
Tr. Pkt....40c ½ oz....90c ¼ oz....\$1.65 1 oz....\$5.00

### PENTSTEMON (Bearded Tongue)

**Giganteus Scarlet Queen.** Giant spikes of brilliant colored flowers. Most attractive for bedding, fine cut flower and very hardy.  
Tr. Pkt.....40c ¼ oz.....\$1.50 Oz.....\$5.25

**Hybrid Gloxinoides Mixed.** Careful selection of the choicest Hybrids. 2½ ft. Tr. Pkt.....35c ¼ oz.....\$1.25

### PHLOX

**Decussata.** Finest mixed. Seed should be refrigerated.  
Tr. Pkt.....40c ¼ oz.....75c 1 oz.....\$2.50



**Lupinus A.B.C. Special Mixture**

### PHYSALIS (Chinese Lantern Plant)

**Franchetti.** Bright orange-scarlet lantern-like fruits which are used extensively for floral decorations.

Tr. Pkt.....30c ¼ oz.....80c Oz.....\$2.50

### PLATYCODON (Balloon Flower)

**Grandiflorum.** Bell-shaped flowers on graceful stems from June to September. 2 ft.

	Blue		White
Tr. Pkt.....35c	½ oz.....80c	¼ oz.....\$1.50	

### POPPY, ORIENTAL

Huge brilliantly colored cup-shaped flowers. A good percentage of plants will be true to color. 3 ft.

**Brilliant.** Bright fiery red.....(¼ oz., \$1.65) 35c ....

**Princess Victoria Louise.** Salmon.....(¼ oz., \$1.20) 35c \$3.60

**Scarlet** .....(¼ oz., 60c) 25c 2.20

**Mixed.** A selection of the finest varieties. (¼ oz., \$1.20) 40c 4.00

### PRIMULA (Hardy Primrose)

#### PRIMULA POLYANTHUS VERIS HYBRIDS

**A.B.C. Private Stock.** Exceptional wide range of brilliant colors, giant flowers. Plants compact with good stems.

Tr. Pkt.....\$1.00 ½ oz.....\$2.75 ¼ oz.....\$5.00

#### HARDY PRIMULAS VARIOUS SORTS

**Acaulis Grandiflora Choice Mixture.** Rich in color, early. 6 in.  
Tr. Pkt.....\$1.00 1/64 oz.....\$1.40 1/32 oz.....\$2.25

**Auricula Choice Mixed.** Bright pastel shades. Fragrant flowers produced in April and May. 6 in.  
Tr. Pkt.....75c ½ oz.....\$1.85 ¼ oz.....\$3.25

**Bullesiana Hybrids.** Shades of yellow, orange, apricot and carmine. May-June. 1½ feet. Tr. Pkt....\$1.00 1/64 oz...\$1.75 1/32 oz...\$3.00

**Denticulata grandiflora hybrida.** Attractive ballshaped heads in lilac, lavender and purple. 12-15 in. Tr. Pkt.....60c

**Japonica.** Bright crimson, rose and pink flowers borne in whorls. 6-9 in. Tr. Pkt.....60c



**A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS****PYRETHRUM ROSEUM (Persian Daisy)**

Rose. White. James Kelway, deep velvet red. <i>Carneum</i> , flesh pink. Single mixed.		
Tr. Pkt.....	60c 1/4 oz.....	\$1.50 1 oz.....\$5.00
Double Choice Mixture.		
Tr. Pkt.....	60c 1/4 oz.....	\$2.75 1 oz.....\$8.25
Parthenifolium Aureum (Golden Feather).		
Tr. Pkt.....	20c 1/4 oz.....	35c Oz.....\$1.00

**RUDBECKIA (Cone-Flower)**

Neumannii. Vivid yellow with black center, rich bloomer, excellent for cutting.		
Tr. Pkt.....	30c 1/4 oz.....	95c 1 oz.....\$3.50
Purpurea. Reddish purple with a remarkably large cone-shaped center of brown. Forms bushy plants and blooms from July to October. 3 ft.		
Tr. Pkt.....	25c 1/4 oz.....	85c Oz.....\$3.00

**SCABIOSA**

An excellent cut flower with long wiry stems. Blooms from June to September. 2 to 3 ft.

*Caucasica*. Soft lavender-blue.

Tr. Pkt.....	35c 1/4 oz.....	75c Oz.....\$2.70
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House Giant Hybrids. Colors from white to darkest blue. Very large flowers. Tr. Pkt.....40c 1/4 oz.....\$1.10 Oz.....\$3.70

**SEDUM**

Aizoon. 5". Excellent dwarf variety for rockery. Yellow with brown flowers on delicate stems, with lance shaped leaves; easy to grow.		
Tr. Pkt.....	30c	

*Spurium Coccineum*. 6". Rosy mauve. A rich bloomer, in its contrast between the fine buds and stems with the attractive variegated foliage especially decorative. Hardy rockplant, dainty in combinations. Tr. Pkt.....30c

**STATICE (Sea Lavender)**

Splendid hardy perennial producing panicles of minute flowers which can be dried and used for winter bouquets.

*Caspia*. Lilac flowers. Very vigorous. 2 ft.

Tr. Pkt.....	30c 1/4 oz.....	80c Oz.....\$2.75
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*Dumosa*. Dense clusters of pure silver gray blooms; 30 inches.

Tr. Pkt.....	40c 1/4 oz.....	90c Oz.....\$3.20
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*Latifolia*. Purplish flowers.

Tr. Pkt.....	30c 1/4 oz.....	70c Oz.....\$2.40
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**STOKESIA**

*Cyanea*. Large lavender-blue flowers. 2 ft.

Tr. Pkt.....	40c 1/4 oz.....	\$1.00 Oz.....\$3.20
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**SWEET WILLIAM (See *Dianthus Barbat*)**

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**THALICTRUM (Meadow Rue)**

*Adiantifolium*. Yellow flowers. 1 1/2 ft. Tr. Pkt....30c 1/4 oz....55c

*Aquilegiaefolium hybridum*. New colors. Columbine leaved, elegant.

Tr. Pkt.....	30c 1/4 oz.....	55c
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*Dipterocarpum*. Graceful sprays of violet-mauve flowers. Fine for cutting. 4 ft.

Tr. Pkt.....	30c 1/4 oz.....	55c
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**THERMOPSIS**

*Caroliniana*. Showy long spikes of Lupin-like yellow flowers produced in June and July. Excellent for cutting. Seeds germinate slowly. 3 feet.

Tr. Pkt.....	30c 1/4 oz.....	75c Oz.....\$2.40
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**TRITOMA**

Yellow to orange-red spikes of narrow, tubular flowers. Blooms from August to October. 3 to 4 ft.

Early Flowering Hybrids. A fine range of colors.

Tr. Pkt.....	40c 1/4 oz.....	85c Oz.....\$3.00
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Plitzer's Hybrids. Scarlet.

Tr. Pkt.....	40c 1/4 oz.....	70c Oz.....\$2.40
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**TROLLIUS (Globe Flower)**

Seed should be frozen over winter for proper germination.

*Ledebouri Golden Queen*. Orange. 24 inches.

Tr. Pkt.....	40c 1/16 oz.....	\$1.00 1/8 oz.....\$1.80
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<i>Europaeus</i> . Yellow. Tr. Pkt.....	40c 1/8 oz.....	\$1.00
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**TUNICA**

*Saxifraga*. A pretty tufted plant with light pink flowers produced all summer. Useful either for the rockery or the border. 10 inches.

Tr. Pkt.....	35c 1/4 oz.....	90c
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**VALERIANA (Valerian)**

Mixed. Showy, hardy border plants producing large corymbs of red or white flowers. Fine for bouquets. 2 feet.

Tr. Pkt.....	30c 1/4 oz.....	75c
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**VERONICA (Speedwell)**

*Spicata*. Has long spikes of bright blue flowers in June and July. 1 1/2 ft.

Tr. Pkt.....	40c 1/4 oz.....	90c Oz.....\$2.50
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**VIOLA**

While smaller flowered than pansies, these tufted pansies are very free flowering and more persistent. Excellent for bedding. About 8 inches.

	Tr. Pkt.	1/4 oz.	Oz.
<b>CORNUTA</b>			
Apricot. Beautiful rich apricot shades.....	60c	\$2.20	\$6.50
Arkwright Ruby. Bright ruby crimson, with central markings; velvety; fragrant.....	60c	2.90	9.00
Blue Perfection. Light blue. Large flowered..	60c	2.00	6.00
Chantreyland. A perfect Viola, pure apricot...	60c	2.40	8.00
G. Wermig. Rich violet-blue. 8 in.....	60c	2.90	9.00
Jersey Gem. Compact habit, deep violet blue. 8 in. ....	60c	.....	.....
Lutea Splendens. Chrome yellow. 8 in.....	60c	1.60	5.50
White Perfection. White. Large flowered. 8 in...	50c	1.50	5.40
A.B.C. Formula Mixture. Bright shades of self colors of red, yellow, blue and apricot.....	60c	2.40	7.50
<b>ODORATA</b>			
Queen Charlotte. Dark blue, sweet scented....	40c	1.35	.....



**Viola Chantreyland**



# *A. B. C. Vegetable Seed*

Spring plant sales mean added profits. You will be serving your own best interests as well as those of your customers by supplying superior quality plants. Don't make the mistake of jeopardizing your customers' satisfaction by offering plants grown from inferior seed. For continued repeat business from your trade, sow A.B.C. "Supreme Quality" Vegetable Seed.

This list contains some of the leading varieties in demand throughout the country. If you want some fine varieties which are particularly adapted to your section, we will supply you at prevailing market prices. Send us your list of requirements.

Note: All prices are subject to change without notice.

BEANS, Bush Green	Lb.	5 lbs.	
Stringless Green Pod.....	50c	\$2.00	
Topcrop. Early and productive.....	50c	2.25	
BEANS, Bush Wax			
Pencil Pod Black Wax.....	60c	\$2.50	
Sure Crop Stringless Wax.....	45c	2.00	
BEANS, Pole			
Kentucky Wonder .....	50c	\$2.00	
BEANS, Lima			
King of the Garden (Pole).....	50c	\$2.25	
Burpee's Bush Imp.....	50c	2.25	
BEETS	Oz.	¼ lb.	Lb.
Crosby's Egyptian .....	15c	50c	\$1.50
Detroit Dark Red.....	15c	50c	1.50
BROCCOLI			
Green Sprouting Calabrese.....	50c	\$1.50	\$4.40
BRUSSELS SPROUTS			
Long Island Improved.....	65c	\$1.80	\$5.00
CABBAGE, Early	Oz.	¼ lb.	Lb.
* All Head Select.....	50c	\$1.50	....
Copenhagen Market .....	50c	1.55	\$5.00
Early Flat Dutch.....	50c	1.25	4.00
*Early Jersey Wakefield.....	50c	1.50	4.50
*Golden Acre Wisconsin.....	55c	1.55	4.50
*Marion Market .....	50c	1.50	4.50

CABBAGE, Late		Oz.	¼ lb.	Lb.
Danish Ballhead (Short Stem).....		50c	\$1.50	\$4.50
Mammoth Red Rock.....		50c	1.50	4.50
Late Flat Dutch.....		50c	1.30	3.90
Savoy—Chieftain .....		50c	1.50	....
*Wisconsin All-Seasons .....		50c	1.50	4.50

\*Indicates Resistant varieties.

## CANTALOUPE (See Muskmelon).

CARROT		Oz.	¼ lb.	Lb.
Chantenay, Red Cored.....		25c	75c	\$2.00
Danvers Half Long.....		25c	65c	1.75

CAULIFLOWER		½ oz.	Oz.
A. B. C. Super Snowball.....		\$2.00	\$3.50
Dry Weather .....		2.00	3.50
Autumn Giant .....		75c	1.40

CELERIAC, Root Celery		Oz.	¼ lb.
Large Smooth Prague .....		65c	\$2.00

CELERY		Oz.	¼ lb.	Lb.
Easy Blanching .....		80c	\$2.50	\$7.00
Golden Plume or Wonderful.....		90c	3.00	9.00
Golden Self Blanching. Short.....		1.00	3.00	9.00
Giant Pascal .....		1.00	3.00	10.00
Utah Green .....		80c	2.50	7.50

CHARD, Swiss		Oz.	¼ lb.	Lb.
Lucullus .....		25c	60c	\$1.75

CORN, Sweet		Lb.	5 lbs.	10 lbs.
Golden Bantam .....		60c	\$2.25	\$4.50
Marcross. Hybrid .....		60c	2.25	4.50
Golden Cross Bantam. Hybrid.....		60c	2.25	4.50
Stowell's Evergreen. Late.....		60c	2.25	4.50

## CUCUMBER

### TWO OUTSTANDING F<sub>1</sub> HYBRIDS

Unusually vigorous growing habit, high resistance to mosaic and downy mildew, very rich yield. Long slender fruits, keeping their dark green color after picking, flesh white, crisp and tender.

Early Surecrop Hybrid. 58 days.

All Time All America Winner.

Burpee Hybrid. 60 days.

¼ oz.....\$1.50      ½ oz.....\$2.20      Oz.....\$4.25

		Oz.	¼ lb.
Chicago Pickling .....		30c	75c
Early Fortune .....		25c	70c
Long Green, Improved.....		40c	90c
Palmetta 62. Mildew Resistant.....		45c	1.25
Straight Eight .....		40c	1.00



**Cucumber Early Surecrop**



**Bibb Lettuce**

EGG PLANT	Oz.	¼ lb.	Lb.
Black Beauty .....	85c	\$2.50	
Imp. New York Purple .....	85c	2.50	
ENDIVE	Oz.	¼ lb.	Lb.
Full Heart Batavian .....	25c	65c	\$2.00
Deep Heart Fringed .....	25c	65c	2.00
HERBS			
Basil, Sweet .....	} .....	Pkt. 15c	
Dill .....			
Sage .....			
Savory, Summer .....			
Sweet Marjoram .....			
Thyme .....			
KALE OR BORECOLE	Oz.	¼ lb.	Lb.
Dwarf Green Curled .....	35c	80c	\$2.50
Tall Green Curled Scotch .....	35c	80c	2.50
KOHLRABI			
Early White Vienna (Short Top) .....	40c	\$1.10	\$3.40
Early Purple Vienna .....	40c	1.10	3.40
LEEK			
Large Flag .....	50c	\$1.50	\$4.50
LETTUCE, Head			
Bibb .....	40c	95c	\$2.60
Big Boston .....	30c	85c	2.00
Great Lakes 6238 .....	70c	1.90	5.60
Oak Leaf, Loose head .....	50c	1.40	4.00
LETTUCE, Leaf			
Black Seeded Simpson .....	25c	70c	\$1.75
Grand Rapids Forcing .....	30c	80c	2.40
MUSKMELON			
Golden Delight.			
All America Winner .....	45c	\$1.50	\$4.50
Hearts of Gold .....	30c	85c	\$2.50
Honey Dew .....	30c	85c	2.50
Honey Rock .....	30c	85c	2.50
Iroquois, Resistant .....	30c	85c	2.50

WATERMELON	Oz.	¼ lb.	Lb.
Harris Earliest .....	25c	75c	\$2.00
Kleckley's Sweets .....	25c	75c	2.00
Stone Mountain .....	25c	75c	2.00
ONION			
Ebenezer .....	70c	\$2.10	\$6.25
Southport White Globe .....	75c	2.20	6.60
Sweet Spanish .....	70c	2.10	6.25
Yellow Globe Danvers .....	75c	2.20	6.60
PARSLEY			
Hamburg Rooted .....	30c	60c	\$1.75
Triple Curled Champion .....	30c	60c	1.75
PEAS	Lb.	5 lbs.	
Laxtonian .....	50c	\$2.00	
Little Marvel .....	50c	2.00	
Nott's Excelsior .....	40c	1.50	
Thomas Laxton .....	40c	1.50	
PEPPER	½ oz.	Oz.	¼ lb.
Burlington (Bull Nose) .....	50c	90c	\$2.60
California Wonder .....	50c	90c	2.60

Oak View Wonder. Very early,  
10 days before California  
Wonder. Smaller, stockier  
plant, more productive.....

50c 90c \$2.80

Golden California Wonder .....	55c	\$1.00	\$3.00
Ruby King .....	50c	1.00	3.20
World Beater .....	40c	65c	2.00
Harris Early Giant .....	55c	1.00	3.20
Large Bell (Bull Nose) (Hot) .....	40c	70c	2.25
Red Chili .....	45c	85c	2.20
Sunnybrook, Tomato-shaped .....	50c	90c	2.80
Long Red Cayenne .....	45c	85c	2.20
Pimiento Perfection .....	50c	90c	2.80
Hungarian Yellow Wax (Hot) .....	55c	1.00	3.20
Hungarian Sweet .....	55c	1.00	3.20
PUMPKIN	Oz.	¼ lb.	Lb.
Large Yellow or Connecticut Field .....	20c	50c	\$1.50
Small Sugar or New England Pie .....	20c	50c	1.50
RADISH	¼ lb.	Lb.	5 lbs.
Cavalier, Excellent for forcing .....	45c	\$1.40	....
Scarlet Globe (Short Top) .....	50c	1.25	\$5.50
Scarlet Turnip (White Tip) .....	40c	1.20	5.25
White Icicle (Short Top) .....	45c	1.25	5.50
Round Black Spanish (Late) .....	40c	1.25	....
RUTABAGA	Oz.	¼ lb.	Lb.
American Purple Top .....	15c	35c	\$1.00
SPINACH	¼ lb.	Lb.	
Bloomsdale, Long Standing .....	30c	70c	....
King of Denmark .....	30c	70c	....
SQUASH	Oz.	¼ lb.	Lb.
Bush Scallop White (Summer) .....	25c	65c	\$2.00
Crookneck (Summer) .....	25c	65c	2.00
Prolific Straightneck (Summer) .....	25c	65c	2.00
Acorn (Winter) .....	25c	65c	\$2.00
Butternut (Winter) .....	40c	1.25	3.75
Delicious (Winter) .....	30c	65c	2.00
Golden Hubbard (Winter) .....	25c	65c	2.00
Original Hubbard (Winter) .....	25c	65c	2.00
SWISS CHARD—See Chard.			



# A. B. C. Supreme Quality Vegetable and Lawn Seeds



## TOMATO, SPECIAL FORCING

**Michigan State Forcing.** Rich deep scarlet. Heavy producer. Very generally grown. 1/4 oz.....45c Oz.....\$1.25

**Waltham Forcing Certified.** Developed by Mass. Agr. Exp. Station. Heavy producer of 4-oz. scarlet fruits. Widely grown in the East. 1/4 oz.....\$1.00 Oz.....\$3.00

## TOMATO, F<sub>1</sub> HYBRID

**Burpee Hybrid.** 70 days. Earlier and more prolific than Marglobe or Rutgers. Highly disease resistant. Excellent for home garden, "green wrap," canning and long distance shipping.

Tr. Pkt...\$1.00 1/16 oz...\$2.25 1/4 oz...\$7.50 Oz...\$25.00

## TOMATO, A. B. C. SELECT STRAINS

	Oz.	1/4 lb.
Beefsteak (Crimson Cushion).....	85c	\$2.75
Bonny Best—Red .....	70c	2.00
*Break O'Day .....	70c	2.00
Earliana .....	80c	2.40
Firesteel .....	70c	2.25
Greater Baltimore, Midseason.....	70c	2.00
John Baer—Red .....	65c	2.00
Jubilee—Yellow .....	85c	2.50
*Marglobe Supreme—Red .....	70c	2.50
Oxheart—Pink .....	\$1.00	3.50
Ponderosa—Pink .....	85c	2.75
*Pritchard (Scarlet Topper)—Red.....	70c	2.50
Rutgers—Red .....	65c	2.20
Stone Dwarf—Red .....	70c	2.25
Stone Improved, Med. Early Red.....	60c	1.85
Stokesdale—Scarlet .....	65c	2.25
Ventura—Red. Early, blight resistant. Good shipper (short crop).....	\$1.20	....
Wisconsin 55. (New).....	80c	2.50

\*Indicates Wilt Resistant varieties

## TOMATO, Small Fruited

Cherry—Red .....	\$1.50	\$5.00
Pear—Red .....	1.50	5.00
Plum—Yellow .....	1.50	5.00
Yellow Husk or Ground Cherry.....	1.50	5.00

## TURNIP

		Lb.
Purple Top White Globe.....	20c	45c \$1.20
Early White Milan .....	20c	45c 1.20

# A. B. C. LAWN SEED MAKES Beautiful Lawns

★ There is no substitute for quality in grass seed. Into the A. B. C. Mixtures are blended the finest available heavy weight seed—seeds of hardy perennial grasses that produce a deep-rooted permanent turf of real beauty.

Each year more florists and landscape gardeners sow our mixtures for best results. Despite the unstable, high prices of fine grasses, our formula has remained the same year after year except that we are now omitting clover as explained below.

## A. B. C. SUNNY MIXTURE

Heavy weight Kentucky Blue Grass and Fancy Red Top blended with other fine grasses make this mixture outstanding.

Per lb.	Per lb.
1 to 25 lbs.....Ask for Prices	50 lbs. ....Ask for Prices
25 lbs. ....Ask for Prices	100 lbs. ....Ask for Prices
Sow 1 lb. of grass seed to 200 sq. ft.	
150 pounds to one acre.	

Many of our customers prefer mixtures without clover therefore we no longer include it in our mixtures. For those desiring clover we offer the finest grade of White Dutch Clover separately below.

Better results and more even distribution can be obtained by sowing clover separately. Use 4 ounces to every pound of grass seed sown.

## FANCY WHITE DUTCH CLOVER

1 to 10 lbs.....	Ask for Prices
10 lbs. and over .....	Ask for Prices

## KENTUCKY BLUE GRASS. Superfine.

1 to 25 lbs. per lb.....	Ask for Prices
25 lbs. per lb.....	Ask for Prices
100 lbs. per lb.....	Ask for Prices

ASTORIA BENT. Blue Tag. Ask for Prices

**NOTE: All prices are subject to change without notice.**

**Grass Seed prices are net cash. F. O. B. Chicago and**

**New York.**

## A. B. C. SHADY MIXTURE

A specially prepared blend of shade loving grasses makes this mixture more suitable for shaded areas.

Per lb.	Per lb.
1 to 25 lbs.....Ask for Prices	50 lbs. ....Ask for Prices
25 lbs. ....Ask for Prices	100 lbs. ....Ask for Prices





# A. B. C. SUPREME QUALITY GLADIOLUS BULBS

## Grown Exclusively for Corms

For stock that incorporates the required vitality to produce real results, A. B. C. "Supreme Quality" Gladiolus Bulbs are recommended to the grower. With a total output of bulbs produced exclusively for bulb harvest only from young corms, we are ready to meet the requirements of growers who desire high quality at a fair price.

## Grown Under Close Supervision

Bulbs furnished by us are produced in sandy loam ideal for their culture and are thoroughly cured before shipping. Our growers hold Agricultural Inspection Certificates that assures you the bulbs are free from thrips and other diseases.

### PINK AND SALMON SHADES

	1 1/2 inch up		1 1/4-1 1/2 inch	
	Per 100	Per 1000	Per 100	Per 1000
Early Rose—Medium Rose—Very Early.....	\$2.70	\$22.00	\$2.30	\$18.00
Ethel Cave Cole—Fine Large Pink.....	2.60	22.00	2.40	19.00
General Eisenhower—Fine Begonia—Rose, Large Flowers.	3.30	28.00	3.00	24.00
Leeuwenhorst—Fine Large Hydrangea Pink.....	2.80	24.00	2.50	20.00
Margaret Fulton—Fine Coral Pink.....	3.00	24.00	2.50	20.00
Picardy—Fine Salmon Pink.....	4.00	35.00	3.50	30.00
Polynesia—Finest Salmon.....	6.00	55.00	5.50	50.00
President Truman—Beautiful Shell Pink.....	3.00	25.00	2.70	22.00
Rosa Van Lima—Fine Pink, lighter edge.....	3.00	24.00	2.50	20.00
Spic and Span—Finest Commercial Pink.....	4.50	40.00	4.00	35.00
Tivoli—Very fine, Soft Rose-Pink.....	3.50	30.00	3.00	25.00

### RED AND SCARLET SHADES

Beacon—Tail Salmon-Scarlet Cream Blotch.....	3.00	24.00	2.50	20.00
Mansoer—Blood Red.....	3.30	28.00	3.00	24.00
Red Charm—Fine Medium Red.....	3.00	25.00	2.50	20.00
Valeria—Fine Commercial Scarlet.....	3.00	25.00	2.50	20.00

### WHITE AND CREAM SHADES

Florence Nightingale—Fine Commercial Cream White....	4.50	40.00	4.00	35.00
June Bells—Good White.....	3.00	25.00	2.50	20.00
Margaret Beaton—Cream with Red Blotch.....	3.00	24.00	2.50	20.00
Salmans Glory—Creamy White, Carmine Marking.....	3.30	28.00	3.00	24.00
Snow Princess—Fine Commercial White.....	3.00	24.00	2.50	20.00
White Gold—Large, Early Cream-White.....	3.00	24.00	2.50	20.00

### ORANGE AND YELLOW SHADES

Bouton d'or—Beautiful Yellow.....	3.00	25.00	2.50	20.00
Gelber Herald—Ruffled Yellow.....	3.30	28.00	3.00	24.00
Golden Favorite—Beautiful New Yellow.....	3.30	28.00	3.00	24.00
Hopman's Glory—Deep Yellow.....	3.30	28.00	3.00	24.00
Spotlight—Yellow-Red Blotch.....	3.30	28.00	3.00	24.00

### LAVENDER AND PURPLE SHADES

Elizabeth The Queen—Best of all Lavenders.....	3.00	25.00	2.70	22.00
Harry Hopkins—Claret, Purplish Shaded.....	4.00	35.00	3.50	30.00
Purple Supreme—Bright Purple.....	3.00	24.00	2.50	20.00
Ravel—The best of the Blues.....	3.50	30.00	3.00	25.00

### MIXED

Finest Mixture—Selection of colors well blended.....	3.00	24.00	2.50	20.00
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## MISCELLANEOUS BULBS FOR SPRING



**Amaryllis, Giant American Hybrid**

### *Amaryllis* (Giant American Hybrids)

The value of Amaryllis depends on the quality of the strain. We buy our bulbs from several sources of known reputation and mix these strains ourselves, thus making certain that you get the best obtainable. Every bulb we ship is of flowering size and many produce more than one flowering stem.

	Per 100	Per 1000		Per 100	Per 1000
2 1/4-2 1/2 inch .....	\$14.00	\$130.00	3 -3 1/4 inch .....	\$31.00	\$300.00
2 1/2-2 3/4 inch .....	17.00	160.00	3 1/4-3 1/2 inch .....	40.00	375.00
2 3/4-3 inch .....	22.00	210.00	3 1/2 inch up .....	47.50	450.00

### *Fancy Leaved Caladiums*

Taking little care, they are ideal for the home, hotel, store or office. Use them for pot plants, window boxes, plant arrangements and wall brackets . . . and don't overlook recommending them for summer use outdoors.

	Per 100	Per 1000
1 1/4"-1 1/2", 2nd Size .....	\$12.50	\$115.00
1 1/2"-2 1/2", 1st Size .....	18.50	175.00
2 1/2"-3 1/2", Jumbo .....	27.50	265.00
3 1/2" up, MAMMOTH .....	37.50	365.00

#### **CALADIUM ESCULENTUM (Elephant's Ear)**

Much used for bordering Canna beds or sub-tropical plantings. Plants of these always find a ready sale.

	Per 100	Per 1000		Per 100	Per 1000
7 to 9 inch circum.....	\$9.00	\$80.00	9 to 11 inch circum.....	\$15.00	\$140.00

#### **TUBEROSES**

Our strain of "Pearl" is the true, large-flowered type, far superior to the old variety. Bulbs are clean and properly graded in sizes offered.

##### **SINGLE**

Per 100 .....	\$ 5.00
Per 1000 .....	45.00

##### **DOUBLE PEARL**

	Per 100	Per 1000
3 to 4 inches.....	\$4.00	\$35.00
4 to 6 inches, extra large.....	6.00	55.00

## *Large Flowering Cannas*

### **STRONG NORTHERN GROWN—TRUE TO NAME**

#### **DORMANT ROOTS, 3 to 5 Eyes**

Our Canna roots are strong, healthy, true Northern Grown. The varieties listed below have proven indispensable where large exhibition showings are needed. Early ordering is suggested, because of the great demand this year.

**City of Portland.** Deep pink. Green foliage 3 1/2 feet. Extra good flower. Does not fade.

**Copper Giant.** Green foliage about 3 1/2 feet tall and a very vigorous grower with large clear pink flowers.

**Dorothy S.** A new dwarf continuous flowering clear salmon red Canna. Produces large flowers and grows about 4 feet tall. Very vigorous and drought resistant.

**Hungaria.** 3 1/2 feet. LaFrance pink.

**King Humbert.** This remarkable Gold Medal Canna has been the sensation of the past ten years and is the greatest favorite today. Handsome, broad, tropical foliage. Scarlet flowers; bronze leaves, 4 feet.

**The President.** 4 feet. This immense new flaming scarlet has come into wider use more quickly than any other Canna. The President leads the red varieties in the quality and also the quantity of its bloom. The foliage is rich green and burn-proof in the hottest weather.

**Rosemond Cole.** Green foliage grows about 3 feet tall has a large Variegated red and orange flower and is a vigorous grower.

**Yellow King Humbert.** 4 feet. An orchid-flowering sport of the well-known King Humbert. Flower a deep, rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower, which we consider an improvement rather than a detriment. Green foliage.

**PRICES—All above Cannas:** Per 100.....\$6.00 Per 1000.....\$55.00



**Canna "The President"**

**The Last Word in Red-Flowered, Green Foliage, Large-Flowering Cannas**





Double Flowered Tuberous Rooted Begonia

## Gloxinias

Our bulbs are of the highest quality grown for us by the best growers in Belgium. We offer superior varieties especially suited to greenhouse culture in the following colors:

Brilliant Red, Blue Bordered White, Red Bordered White,  
Dark Red, Blue, Violet Blue, Pure White, Pink Bordered  
White, Dark Pink, Light Blue and Mixture.

	Per 100	Per 1000
1 1/4-1 1/2 inch .....	\$ 8.50	\$ 75.00
1 1/2-2 inch .....	16.00	150.00
2 inch and up .....	23.50	225.00

### GLOXINIA CULTURE

Gloxinias are fit companions for the tuberous rooted Begonias and the fancy leaved Caladiums. Their richly colored flowers are most outstanding. Start the tubers in 4-inch pots in a mixture of leaf mold, sand and a little well-rotted cow manure with good bottom heat. Keep shaded and as the leaves appear, be careful with the watering. You cannot do it with the hose, so make use of the old-fashioned way, the watering can, and go over each plant carefully, examine every one and don't apply water unless it is needed, on the other hand, they suffer every bit as much if they don't get water when ready for it, for they want a moist soil. Keep the leaves dry. It doesn't hurt to get them moist on a hot day early in the morning, but they soon go if you wet them every time you water the plants. They want a little shade most of all, but if you overdo it you may obtain foliage but no flowers.

## Tuberous Rooted Begonias

### Large Flowering Type

With its bright colors, richness of foliage and easy culture it has become a favorite with the public in gardens and homes.

**CULTIVATION.** The Begonia prefers partial shade and not too warm a place where they will give best results specially in wet summers. For cultivation in greenhouses, shade is necessary.

Forcing can be started in February, March or April, depending on the time they should be in flower. The bulbs are placed in boxes, on light porous soil close together, and then covered with earth to a depth of one inch above the bulb. The earth should be kept just moist, too much water will rot the bulbs.

When the plants begin to develop place them in pots.

### DOUBLE CAMELIA FLOWERED

We offer the following colors:

Scarlet, Yellow, Copper, Rose, White, Salmon, Crimson  
and Mixed.

#### BELGIAN GROWN

	Per 100	Per 1000
1 1/4-1 1/2 inch .....	\$ 7.00	\$ 60.00
1 1/2-1 3/4 inch .....	11.00	100.00
2 inch and up .....	16.00	150.00

#### AMERICAN GROWN

	Per 100	Per 1000
1 -1 1/4 inch .....	\$ 6.50	\$ 60.00
1 1/4-1 1/2 inch .....	9.00	85.00
1 1/2-2 inch .....	14.00	135.00
2 -2 1/2 inch .....	19.00	180.00



Large Flowering Gloxinia

**ALL PRICES AND SUPPLY SUBJECT TO CROP CONDITIONS**



# *Supreme Quality* LILIES FOR FALL DELIVERY

## **CROFT LILIES**

We recommend customers desiring lilies for Easter 1955 to place their order immediately and we will do our part to see that the bulbs are delivered to you on time.

All Croft lilies Precooled before shipping.

- 7-8 inch—250 bulbs to case
- 8-9 inch—200 bulbs to case
- 9-10 inch—150 bulbs to case
- 10-11 inch—100 bulbs to case

## **ACE LILIES**

A sport of Croft; exceptionally fine large blooms; blooms later than Croft, under ordinary growing conditions. Some growers can bring in for Easter under special attention.

- 7-8 inch—250 bulbs to case
- 8-9 inch—200 bulbs to case
- 9-10 inch—150 bulbs to case

## **ERABU LILIES**

*Japanese Grown*

- 7-9 inch—300 bulbs to case
- 8-10 inch—225 bulbs to case
- 9-10 inch—200 bulbs to case
- 10-11 inch—150 bulbs to case

## **GENUINE ESTATE LILIES**

Guaranteed from originator's strain. A good lily for greenhouse forcing for cut; very desirable for outdoor planting. Grows taller than Croft and blooms later.

- 7-8 inch—250 bulbs to case
- 8-9 inch—200 bulbs to case
- 9-10 inch—150 bulbs to case

## **LILIUM GIGANTEUM**

- 6-8 inch—400 bulbs to case
- 8-10 inch—225 bulbs to case
- 7-9 inch—300 bulbs to case
- 9-10 inch—200 bulbs to case

## **LILIUM LONGIFLORUM**

**Perfection—Creole**

- 6-8 inch
- 7-8 inch
- 8-9 inch
- 9-10 inch
- 10-11 inch

## **EASTER**

**APRIL 18th — 1954**

Reserve your lilies now for Easter blooming



**Lilium Croft Precooled New Crop. We herewith show one of A. B. C. Fields of Croft Lilies in Bloom**





*Lilium Rubrum*

## JAPANESE GROWN

### LILIUM RUBRUM

Grown in Japan, flowers are larger, more flowers; deeper in color than the strain grown in Holland.

7-9 inch—250 bulbs to case	10-11 inch—100 bulbs to case
8-9 inch—200 bulbs to case	11-13 inch— 90 bulbs to case
9-10 inch—140 bulbs to case	13-15 inch— 50 bulbs to case
9-11 inch—125 bulbs to case	

### LILIUM AURATUM

7-9 inch—250 bulbs to case	9-11 inch—125 bulbs to case
8-9 inch—200 bulbs to case	11-13 inch— 90 bulbs to case
9-10 inch—140 bulbs to case	13-15 inch— 50 bulbs to case

## AMERICAN GROWN

### LILIUM REGALE

Crop good, bulbs oversized. From storage.

5-6 inch—500 bulbs to case	8-9 inch—200 bulbs to case
6-7 inch—250 bulbs to case	9-10 inch—100 bulbs to case
7-8 inch—250 bulbs to case	10-11 inch—100 bulbs to case

### LILIUM FORMOSANUM

#### Wilsoni

Early blooming type,  
pure white.

4-5 inch 5-6 inch 6-7 inch

### LILIUM FLORIDI

Early blooming type,  
pure white.

7-8 inch 8-9 inch

### LILIUM CANDIDUM

#### (French Grown)

20-22 cm.	24-26 cm.	28-30 cm.
22-24 cm.	26-28 cm.	30 cm. and up

### LIL. TENUIFOLIUM

#### (Coral Lily)

2½-3 inch 3-3½ inch  
3½-4 inch

### AETHIOPICA (White)

For September Delivery

1¼-1½ inch 1¾-2 inch  
1½-1¾ inch 2 -2½ inch  
2½ inch up

### CALLA

### ELLIOTTIANA (Yellow)

1¾-2 inch 2½-3 inch  
2 -2½ inch 3 inch up

## HEADQUARTERS FOR AMERICAN AND HOLLAND GROWN SPRING-FLOWERING BULBS

TULIPS

HYACINTHS

NARCISSUS

IRIS

CROCUS

SCILLA

CHIONODOXA

FREESIAS

MUSCARI

ORNITHOGALUM

RANUNCULUS

ANEMONE

PAPER WHITES

AMARYLLIS

FRENCH ROMAN  
HYACINTHS

CHINESE SACRED  
LILIES



A section of one hundred acres in Oregon devoted to the production of King Alfred

Narcissus for

The American Bulb Co.



# Lilies

**FOR SUMMER BLOOMING**

**FROM COLD STORAGE**

**IMPORTED JAPANESE LILIES**

## LILIUM RUBRUM (Japanese Grown)

Per Case

7-9 inch, 250 to case.....	\$38.00
8-9 inch, 200 to case.....	36.00
9-10 inch, 140 to case.....	32.50
10-11 inch, 100 to case.....	35.00
11-13 inch, 90 to case.....	35.00
13-15 inch, 50 to case (scarce).....	35.00

## LILIUM AURATUM (Japanese Grown)

7-9 inch, 250 to case.....	\$38.00
8-9 inch, 200 to case.....	35.00
9-10 inch, 140 to case.....	35.00
10-11 inch, 100 to case.....	35.00

## LILIUM ERABU (Japanese Grown)

7-9 inch, 300 to case, new crop.....	} Sold out
8-10 inch, 225 to case, new crop.....	
9-10 inch, 200 to case, new crop.....	
11-13 inch, 120 to case, new crop.....	

## LILIUM GIGANTEUM (Southern Grown) (Japanese Grown)

7-9 inch, 300 to case.....	\$45.00
8-9 inch, 225 to case.....	55.00
9-10 inch, 200 to case.....	60.00

## LILIUM ALBUM (Japanese Grown)

7-9 inch, 250 to case.....	Sold out
----------------------------	----------

## LILIUM TIGRINUM (Japanese Grown)

7-9 inch, 300 to case.....	\$40.00
10-11 inch, 100 to case.....	35.00

## REGALE LILIES

	Per 100	Per 1000	
5-6 inch .....	\$ 8.50	\$75.00	8-9 inch
6-7 inch .....	10.00	90.00	9-10 inch
7-8 inch .....	Sold out		10-11 inch

## LILIUM TENUIFOLIUM (Coral Lily)

Per 100

3½-5 inch .....	\$7.50
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## LILIUM FORMOSANUM WILSONI—White

	Per 100	Per 100	Per 100
4-5 inch.....	\$10.00	5-6 inch.....	\$12.00
		6-7 inch.....	\$16.00

## PRECOOLED SOUTHERN GROWN LILIES

	Per Case
6½-7 inch, 300 to case.....	Sold out
7 -8 inch, 300 to case.....	Sold out
7 -8 inch, 250 to case.....	Sold out
9 -10 inch, 150 to case.....	Sold out
10 inch up, 100 to case.....	Sold out



**Croft Lily**

## LILIUM CROFT

Our supply comes from the oldest, most reliable and selected growers. This is because we are one of the "pioneers" in fostering production of the famous Croft Lily for commercial use. We offer the following sizes, all precooled at the proper temperature, to assure you good results.

Per Case

7-8 inch, 250 to case.....	\$55.00
8-9 inch, 200 to case.....	80.00
9-10 inch, 150 to case (Sold out).....	70.00

## LILIUM ACE

A sport of Croft Lily, free-flowering, foliage much darker than the Croft, produces a good bud count. Under proper forcing conditions will bloom about two weeks later than the Croft. Unless you have proper forcing facilities, we do not recommend this Lily for Easter forcing.

Per Case

7 to 8 inch, 250 to case.....	Sold out
8 to 9 inch, 200 to case.....	Sold out
9 to 10 inch, 150 to case.....	Sold out



# Carnation . . . Rooted Cuttings for 1954 Season

CUTTINGS WILL BE AVAILABLE FROM DECEMBER TO APRIL

WHITE			RED		
	Per 100	Per 1000		Per 100	Per 1000
Aurora. Large White.....	\$15.00	\$125.00	nCardinal Sim. New. Shade lighter than Wm. Sim....	20.00	150.00
Frosty. Pure White.....	22.00	180.00	Dk. Red Sim. Red.....	20.00	150.00
Jupiter. Large White.....	15.00	125.00	Ember Sim. Lighter than Wm. Sim.....	20.00	150.00
Northland. A very popular white.....	12.00	100.00	*Jumbo Cardinal. Brilliant Red.....	15.00	125.00
Olivette. Fine white.....	10.00	90.00	Laisys Dark Sim. Dark Scarlet.....	20.00	150.00
nOlivette Improved.....	20.00	150.00	Red No. 16. Red.....	12.00	100.00
White Baums Supreme. White.....	15.00	125.00	*Red Beauty. Scarlet.....	20.00	150.00
*White Sidney Littlefield. New.....	20.00	150.00	*Tom Knipe. Fine Red.....	15.00	125.00
White Sim. White.....	15.00	125.00	Vulcan. Crimson Maroon.....	12.00	100.00
YELLOW			*William Sim. Cardinal Red.....	20.00	150.00
nCanary Queen. Bright lemon.....	22.00	180.00	*Woosters Scarlet. New Red.....	12.00	100.00
nDesert Sun. Pale Gold Buff.....	22.00	180.00	MAROON		
*Harvest Moon. Orange yellow.....	20.00	150.00	C. W. Weld. Dark Red Maroon.....	10.00	80.00
Midas. Yellow.....	15.00	125.00	Tilly. Red Maroon.....	22.00	180.00
Miller's Yellow. Yellow.....	12.00	100.00	*Topper. Velvety Maroon.....	22.00	180.00
*Pattens Yellow. Yellow.....	20.00	150.00	Woburn. Maroon.....	10.00	90.00
LIGHT PINK			PURPLE		
Aphrodite. Light Pink.....	12.00	100.00	Exquisite. Bluish Purple.....	22.00	180.00
Catron Shell Pink Sim. Sport of Wm. Sim.....	20.00	150.00	Royalty. Royal Purple.....	22.00	180.00
nGordon. Delicate shell pink.....	22.00	180.00	VARIEGATED		
Hercules Virginia. Light Pink.....	15.00	125.00	Baby Bronze. Yellow with slight pink tinting.....	20.00	150.00
nLight Pink Littlefield.....	20.00	150.00	Barbara Brigham. Orange with pink stripe.....	10.00	90.00
nLight Pink Northland.....	20.00	150.00	*Bing Crosby. Yellow with rose pink edge.....	20.00	150.00
Light Pink Sim. Light Pink.....	20.00	150.00	Cooper Variegated Sim. Red and white.....	20.00	150.00
Netta. Light Pink.....	15.00	125.00	#48. Red and white.....	20.00	150.00
Petersen's Pink Sim. Sp. of Wm. Sim.....	20.00	150.00	Geigers Variegated Sim. "Mamie".....	20.00	150.00
Portland Pink. Light Pink.....	20.00	150.00	Harlequin. Variegated novelty.....	12.00	100.00
Princess Irene. New Light Pink.....	12.00	100.00	Ivory Wonder. Creamy white with pink stripes.....	15.00	125.00
Virginia Supreme. Light Pink.....	12.00	100.00	*Lavender Rose. True Lavender.....	15.00	125.00
MEDIUM PINK			*Mohawk. Yellow with pink stripes.....	22.00	180.00
nBelvedere. Medium Pink.....	20.00	150.00	nPeppermint Stick Littlefield. Variegated pink.....	20.00	150.00
Sidney Littlefield. Medium Pink.....	15.00	125.00	Pelargonium. White Overlaid with Maroon.....	12.00	100.00
Virginia Irvin. Medium Pink.....	12.00	100.00	Raspberry Ice. White with pale orchid.....	20.00	150.00
Virginia Rose. Medium Pink.....	10.00	80.00	Sarah Jane Knipe. Bright purple with Silver edge.....	20.00	150.00
SALMON PINK			Saturn. Orange Bronze.....	12.00	100.00
Apollo. Salmon Pink.....	15.00	125.00	Scarlet King. White Overlaid with scarlet.....	15.00	125.00
Diana. Light Pink.....	15.00	125.00	nScarlet Queen. Orange Variegation.....	15.00	125.00
*Excellence. Med. Salmon Pink.....	25.00	200.00	*Sphinx. Rose Pink with Crimson stripes.....	15.00	125.00
*Janie. Light Salmon.....	22.00	180.00	*Starlight. White with Pink Stripes.....	10.00	90.00
DARK PINK			*Symphony. Reddish Purple stripes on Mauve.....	20.00	150.00
Baums Supreme. Beautiful Cerise Pink.....	15.00	125.00	*nTetra-Sarah Jane. Magenta with Silver Edges.....	25.00	200.00
Canup's Pride. Cerise Cherry Pink.....	15.00	125.00	Unique. Purple with silver edges.....	15.00	125.00
nCase's Pink Olivette. Rose Pink.....	20.00	150.00	nVariegated Littlefield. Medium Pink.....	20.00	150.00
*Citation. Striking Rose Pink, Silver Edge.....	15.00	125.00			
*Rosalie. Dark Medium Pink.....	15.00	125.00			
*nSaugus Pink. Soft Deep Pink.....	22.00	180.00			
Virginia Miller. Dark Pink.....	12.00	100.00			

Minimum order 100 of a Variety—250 at the 1000 rate.

Varieties marked (\*) are sold under growers patent or restricted agreement. Varieties marked (n) are new and more recent introductions.

## YODER BROS. CARNATION ROOTED CUTTINGS FOR 1954

Achilles. A large clear white.....	P-1	Pandora. A dark pink.....	P-1
Adonis. White.....	P-2	Venus. Salmon Pink.....	P-2
Aurora. A large white.....	P-2	Ceres. King Cardinal color.....	P-2
Jupiter. A large white.....	P-2	Neptune. Scarlet.....	P-2
Juno. Medium sized white.....	P-1	Siren. A bright scarlet.....	P-1
Apollo. Salmon Pink.....	P-2	Titan. Intense crimson red.....	P-1
Aphrodite. Light Pink.....	P-2	Vulcan. Crimson—maroon group.....	P-2
Cupid. A true Briarcliff Pink.....	P-1	Cassandra. A lively yellow.....	P-1
Diana. Light Pink.....	P-2	Midas. Yellow.....	P-2
Eros. Light Pink.....	P-1	Saturn. Bronze.....	P-2
Minerva. Deep scarlet-pink.....	P-2	Orion. Glowing ember.....	P-2

Prices for 50 or multiples of 50 of a variety per shipment are indicated in this table.

Price Classification	Per 50	100-250	300-450	Per 100	1000-2450	2500 up
P-1	\$7.50	\$14.25	\$13.50	500-950	\$12.00	\$11.25
P-2	6.75	12.80	12.15		10.80	10.10

## CULTURED CHRYSANTHEMUMS FOR 1954

Catalog of culture directions and price list of all varieties new and standard.  
Copies available upon request.

No C.O.D. Orders Accepted. Prices subject to change without notice.



# A.F.S.

# BLUEBOOK

THE COMPLETE GUIDE TO ALL HORTICULTURAL SUPPLIES -

**FLORIST  
GREENHOUSE  
LANDSCAPING**

## *Supplies for 1954*



### LET'S KEEP TRANSPORTATION COSTS DOWN

During the past few years there have been substantial increases in parcel post, express, truck and railroad freight costs. On small packages parcel post is cheapest, but there are new limits on the size and weight (see page 96). Express is fast and efficient, but expensive. The truck lines now have a minimum charge based on 200 lbs. at the first class rate, and to this they have added an additional service charge of \$1.50 on all shipments under 5,000 lbs.

The only economical means of shipment at this time is by railroad freight, but these shipments may require three to six weeks for de-

livery. We, therefore, respectfully suggest that you estimate your requirements well in advance and send us your orders in ample time for shipment by railroad freight, so specifying on your order.

#### **Supplies Are Shipped from Chicago**

All items of supplies listed in the A.F.S. Bluebook section of this catalog are shipped from Chicago unless a different F.O.B. point is shown. Our eastern customers are urged to send their orders for supplies direct to Chicago rather than to our New York sales office in order to save time and insure prompt shipment.

**A. F. S. SUPPLIES LISTED PAGES 52 to 96 ➔**





## A.F.S. SPECIAL HEAVY PLASTIC STERILIZING CLOTH

After years of experimenting we have found a heavy plastic material that makes the best sterilizing blanket so far. Strong (heavy 12 gauge), yet flexible.

Accidental tears or punctures can be easily repaired by placing a piece cut off the end over the hole with a piece of cloth over and under the patch, and then applying a hot iron for 5 seconds.

Makes a tight joint at bench edges. Light (15 oz. a sq. yd.) and easy to handle. Transparent.

Available in any length or width, but pieces 6 ft. or 8 ft. wide are the most popular. Price, F.O.B. Philadelphia, Per sq. yd. .... **\$2.25**

Send for free sample.

### FUMI-COVERS

Made of Firestone Velon, a lightweight pure vinyl plastic film of 3 gauge. Used as a gas-tight cover with chemical soil fumigants or steam.

Available in **Clear** or **Black** Plastic. Black Fumi-cover can also be used in shading Mums.

6½ ft. x 150 ft. ....	Wt. 21 lbs. ....	<b>\$32.00</b>
10 ft. x 100 ft. ....	Wt. 22 lbs. ....	<b>32.00</b>
10 ft. x 150 ft. ....	Wt. 32 lbs. ....	<b>45.00</b>
13 ft. x 100 ft. ....	Wt. 25 lbs. ....	<b>42.50</b>
13 ft. x 150 ft. ....	Wt. 38 lbs. ....	<b>63.75</b>

### VISQUEEN FILM COVERS

Lightweight covers made of polyethylene clear plastic of 4 gauge. Widely used with soil fumigants such as Dofume MC-2 and for steam sterilizing where a lightweight cover is satisfactory.

10½ ft. wide. 100 ft. roll. ....	<b>\$30.00</b>
13½ ft. wide. 100 ft. roll. ....	<b>35.00</b>
16 ft. wide. 100 ft. roll. ....	<b>40.00</b>

## CLOTH FOR SHADING AND CLOTH HOUSES

### LONG LIFE SARAN CLOTH HOUSE

SARAN, the new material for cloth houses is fast making the old cotton cloths obsolete. SARAN is a plastic screening made by Dow Chemical Co. and will outlast copper screening, giving 10 years service. Non-inflammable and impervious to water. Air circulates freely through its fine mesh with 68% light filtration.

Our SARAN houses are sewn with orlon thread which is guaranteed

for the life of the cloth. SARAN does away with all storm dangers—no more rips or tears from rain and wind.

Based on a made up cost of 46½¢ per square yard, a SARAN Cloth House will cost you approximately 5½¢ per square yard per year; this means SARAN is the lowest cost cloth house on the market today. SARAN is available in green color only.

A little more cloth than the actual measurements of the frame, as additional material is needed for rolling around the wires and for slight variations in fitting the cloth to the frame when sewing.

		Sq. Yds. Required for House Top	Sq. Yds. Required for Sidewalls	Total Number Sq. Yds.	Green PRICE			Sq. Yds. Required for House Top	Sq. Yds. Required for Sidewalls	Total Number Sq. Yds.	Green PRICE
33' x 33'	.....	145	100	245	\$113.93	66' x 132'	.....	1045	268	1313	\$ 610.55
33' x 66'	.....	266	140	406	188.79	66' x 165'	.....	1302	316	1618	752.37
33' x 99'	.....	407	184	591	274.82	99' x 99'	.....	1214	276	1490	692.85
33' x 132'	.....	524	232	756	351.54	99' x 132'	.....	1566	312	1878	873.27
66' x 66'	.....	592	180	772	358.98	99' x 165'	.....	1951	360	2311	1074.62
66' x 99'	.....	810	224	1034	480.81						
F.O.B. New Jersey						F.O.B. New Jersey					

F.O.B.  
New Jersey

F.O.B.  
New Jersey

### SARAN CLOTH BY THE YARD

In bolt form, 36" wide, Green, Per yard. ....	<b>*38½¢</b>
Sewed to dimension. Per sq. yard. ....	<b>*46½¢</b>

### STORMKING (ASTOR) CLOTH

This old standby is still available in the sizes shown for Saran houses above, or by the yard.	
Unsewed. 36" wide, Per yard. ....	<b>*18¢</b>
Sewed to dimension. Per sq. yard. ....	<b>*21¢</b>

### AMERICAN BLACK SHEEN SHADING CLOTH

For shading early chrysanthemums during the normal summer growing season in greenhouses, cloth houses, or outside, as it will bring your blooms in on schedule. Ideal for outdoor shading as it will allow the rain to penetrate and not lie in pools on top. Guaranteed fast black, closely woven, treated and pre-shrunk to produce 99% darkness. Available in bolts approx. 36 inches wide or cut to any length. It can be sewn to any width in multiples of 36 in.

PRICES PER SQ. YD.	Unsewed	Sewed
100 sq. yds. or more. ....	<b>\$ .59</b>	<b>\$ .65</b>
50-99 sq. yds. ....	<b>.64</b>	<b>.70</b>
20-49 sq. yds. ....	<b>.69</b>	<b>.75</b>
Less than 20 sq. yds. MINIMUM CHARGE. ....	<b>15.00</b>	<b>15.00</b>

### KNIGHT BLACK SHEEN SHADING CLOTH

A heavier cloth designed for indoor shading on a year-round program as it cuts out 100% of all light. Recommended especially by universities and experimental stations for off-season growing where total exclusion of light is essential. Otherwise same as American Black Sheen listed above.

PRICES PER SQ. YD.	Unsewed	Sewed
100 sq. yds. or more. ....	<b>\$ .65½</b>	<b>\$ .71½</b>
50-99 sq. yds. ....	<b>.70½</b>	<b>.76½</b>
20-49 sq. yds. ....	<b>.75½</b>	<b>.81½</b>
Less than 20 sq. yds. MINIMUM CHARGE. ....	<b>16.50</b>	<b>16.50</b>

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

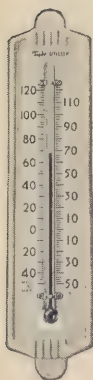


Grow your outdoor mums under cloth for best results, and shade with American Black Sheen.



# THERMOMETERS AND TEMPERATURE ALARMS

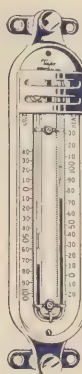
## THERMOMETERS



No. 5127



No. 5703



No. 5448

### "Utility" Thermometer

Metal. Enameled white background. Black letters. Red mercury. Easy to read. Very accurate.

No. 5127. Each.....\$ 1.75  
Dozen ..... 17.50

### Hot Bed Thermometer

All glass with point at bottom. 0° to 220° F.

No. 5703. Each .....\$ 1.75  
Dozen ..... 17.50

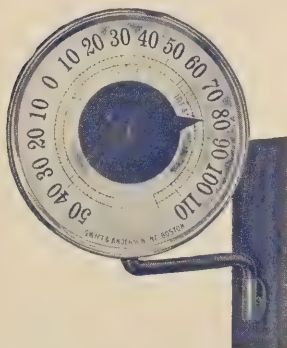
### Maximum and Minimum Thermometer

Floating steel discs tell the lowest and highest temperatures during absence. Reset with a magnet.

No. G-5448. Complete with Magnet....\$10.00  
3 for ..... 24.00

## THERMOMETER—Outdoor

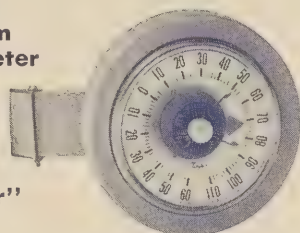
Read at a Glance



All brass and chrome plated, will not rust. The two-color scheme attracts immediate attention. Size 4" dial. Adjustable to all angles. Red center disc integral with indicating point. White dial with large black figures; will not discolor.

The most visible thermometer ever offered.  
No. G-12. Each .....\$ 3.00  
3 for ..... 8.25  
Dozen ..... 24.00

### Maximum and Minimum Thermometer



"Taylor"

New dial type in plastic case with two pointers to show highest and lowest temperatures reached since last setting. Easy to read, easy to reset. No magnets needed.

No. 5321. Each.....\$ 7.50  
3 for ..... 18.00

## SOIL THERMOMETER



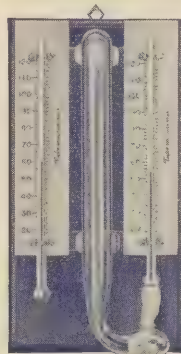
TEL-TRU  
DIAL STEM



New type, highly recommended for measuring soil temperatures. Easy to read, very accurate. Very handy to use when steam sterilizing. Dial diameter, 2 1/8". Stem length 6". 0° to 220°.

No. FC-220F. Each .....\$3.30  
3 for ..... 9.00

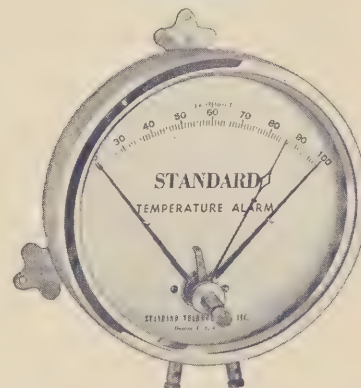
### HUMIDIGUIDE—Taylor Humidity Indicator—Wet Bulb



Mercury-filled tubes with magnifying lens. Range 30° to 120° F. This type of instrument will give you the accurate percentage of humidity. Weight 1 lb.

No. 5532. Each.....\$9.00

### TEMPERATURE ALARM "Standard"



The Standard Temperature Alarm is an automatic device to warn of abnormally high or low temperatures in Greenhouses.

In places where heat is provided through automatically operated oil burners or stokers, and there is an ever present danger of loss of heat through mechanical or electrical power failure, installation of the Standard Temperature Alarm assures an automatic warning in case of failure. Where hand fired heaters are installed, a Standard Alarm provides an automatic check-up on human forgetfulness or oversight. These Alarms will guard against low or high temperatures twenty-four hours a day.

One cold snap or breakdown might cost you hundreds of dollars which could have been prevented, had you had sufficient WARNING. Watchdog of the greenhouse. Write for illustrated circular.

No. GH 3. Shipping Wt. 5 lbs.....\$17.00

No. GH 4. Shipping Wt. 6 lbs..... 22.00

The above prices do not include the batteries, bell or wire.

No. GH 4 can be locked by operator.

### RECORDING THERMOMETER "Standard"



An accurate, dependable instrument for making a permanent time-temperature record of your greenhouse. Automatically draws a continuous record that shows at a glance the highest and lowest temperature over a weekly period, duration of any temperature extreme, and frequency and spread of temperature fluctuations. Range from 20° to 120° F. Furnished with Weekly Charts No. 2, or Daily Chart No. 3.

Each. F.O.B. Boston.....\$60.00  
Extra Charts No. 2 or No. 3 per 100.... 3.75

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



# FERTILIZERS AND PLANT FOODS

## FERTILIZER MATERIALS

**ALUMINUM SULPHATE.** Turns hydrangeas blue when applied to soil.  
25 lbs.....\$1.60 50 lbs.....\$2.75  
100 lbs..... 3.95 200 lbs..... 7.70

**AMMONIUM PHOSPHATE.**  
Mono-Ammonium Phosphate, 11-48-0.  
Di-Ammonium Phosphate, 21-53-0.  
100 lbs.....\$12.50 500 lbs.....\$60.00  
F.O.B. Chicago Heights, Illinois.

**AMMONIUM SULPHATE.** 21% Nitrogen.  
25 lbs.....\$ 1.75 50 lbs.....\$ 3.25  
100 lbs..... 5.50 500 lbs..... 26.25  
1000 lbs..... 50.00 Ton ..... 95.00

**BLOOD, DRIED.** 13% Nitrogen.  
100 lbs.....\$12.00 1000 lbs.....\$115.00

**BLOOD AND BONE.** Analysis: 8-20-0.  
100 lbs.....\$ 9.50 500 lbs.....\$ 45.00  
1000 lbs..... 87.50 Ton ..... 170.00

**BONE TANKAGE.** Analysis: 5.5-30-0.  
100 lbs.....\$ 6.25 500 lbs.....\$ 30.00  
1000 lbs..... 57.50 Ton ..... 110.00

**BONE MEAL, Steamed.** Analysis: 2-27-0.  
100 lbs.....\$ 5.75 500 lbs.....\$ 27.50  
1000 lbs..... 52.50 Ton ..... 100.00

**BONE MEAL, Rose Growers.** Analysis: 3.75-22-0.  
100 lbs.....\$ 6.25 500 lbs.....\$ 30.00  
1000 lbs..... 57.50 Ton ..... 110.00

## COMPLETE FERTILIZERS

**ACID PLANT FOOD.** Analysis: 5-12-4. Creates an organic acid soil condition favorable to Azaleas, Gardenias, Hydrangeas, etc. Use 2-3 lbs. per 100 sq. ft.  
80 lbs. ....\$6.50  
F.O.B. Chicago or Lynn, Mass.

**ELECTRA.** Analysis: 5-10-3. A perfectly balanced organic fertilizer that provides uniform growth and color without softness. On benches or beds use 4 lbs. per 100 sq. ft. monthly. 80 lbs.....\$6.50  
F.O.B. Chicago or Lynn, Mass.

**TREE AND SHRUB FOOD.** Analysis: 10-8-6.  
80 lbs.....\$ 3.70 480 lbs.....\$21.60  
960 lbs..... 42.00 Ton ..... 83.00

## ANIMAL MANURES

**CATTLE MANURE.** Shredded.  
100 lbs.....\$ 3.75 500 lbs.....\$17.50  
1000 lbs..... 33.75 Ton ..... 62.50

**CALCIUM SULPHATE.** (Agricultural Gypsum)  
25 lbs.....\$1.00 50 lbs.....\$1.50  
100 lbs..... 2.50 500 lbs..... 9.00

**HORN SHAVINGS.** (Synthetic)  
10 lbs.....\$1.65 25 lbs.....\$ 2.75  
50 lbs..... 4.75 100 lbs..... 8.25  
500 lbs..... 38.50

**HYDRATED LIME.** For sweetening the soil.  
50 lbs.....\$1.00

**IRON SULPHATE.** For acidifying the soil.  
10 lbs.....\$0.75 25 lbs.....\$1.50  
50 lbs..... 2.50 100 lbs..... 4.50

**MAGNESIUM SULPHATE**  
10 lbs..... 75c 25 lbs.....\$1.75  
50 lbs.....\$3.00 100 lbs..... 5.25

**MANGANESE SULPHATE**  
5 lbs.....\$1.00 10 lbs.....\$1.75  
25 lbs..... 3.25 50 lbs..... 6.00

**MURIATE OF POTASH.** (Potassium Chloride).  
62% Potash.  
100 lbs.....\$5.00 500 lbs.....\$23.50

**NITRATE OF SODA.** 16% Nitrogen.  
100 lb. bag...\$5.50 500 lbs.....\$26.25

**POTASSIUM NITRATE.** Analysis: 16-0-26.  
25 lbs.....\$ 5.00 80 lbs.....\$ 12.80  
800 lbs..... 112.00 Ton ..... 260.00

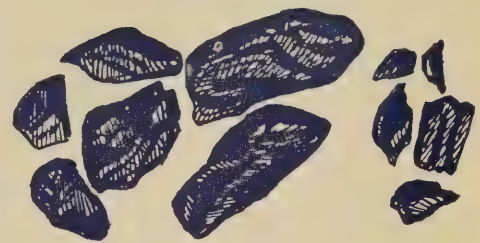
**SUPERPHOSPHATE.** 20% Phos. (80 lb. bags).  
80 lbs.....\$ 2.00 480 lbs.....\$11.04  
960 lbs..... 21.12 Ton ..... 42.75

**TRIEN ROSE FOOD.** Mixture of long-lasting organic and quickly-available inorganic materials for sturdier plants and better blooms.  
5 lb. (\$1.00 list.) Case of 12.....\$7.20  
10 lb. (\$1.70 list.) Case of 6..... 6.12  
100 lb. (\$9.40 list.) Each..... 7.05

**VERTAGREEN.** Analysis: 5-10-5. Armour's Balanced Plant Food containing 5% Nitrogen, 10% Phosphorus and 5% Potash, as well as nine minor elements essential to plant growth and health.  
1 lb. (15c list.) Bale of 32.....\$2.88  
5 lbs. (55c list.) Bale of 12..... 4.08  
10 lbs. (95c list.) Bale of 6..... 3.78  
25 lbs. (\$1.70 list.) Each..... 1.12  
50 lbs. (\$2.55 list.) Each..... 1.75  
100 lbs. (\$4.85 list.) Each..... 3.35

**SHEEP MANURE.** Pulverized.  
100 lbs.....\$ 3.50 500 lbs.....\$17.00  
1000 lbs..... 32.50 Ton ..... 60.00

## CHARCOAL Six Different Sizes



Pea—Large Lump Pea—Small Lump  
1/2 in. Mesh Rice Sz. 1/16 in. Mesh  
Pea—Large 1/3 in. Mesh Sugar Sz. 1/36 in. Mesh  
Pea—Small 1/6 in. Mesh Powder 1/100 in. Mesh  
Packed in 50-lb. bags. Per bag.....\$ 3.50  
10 bags ..... 32.50

## PEAT MOSS

Imported. Large bales. Granulated

Per bale .....\$4.75

## LEAF MOLD

Hardwood leaf mold, thoroughly decomposed, purely organic, taken from virgin timberlands, worked and screened for ready use. Free from weed seeds.

Ideal for pot plant growers, as a soil conditioner, and as a mulch.

2-bushel bag .....\$ 2.50  
10 bushels .....\$10.00 30 bushels..... 25.00  
F.O.B. Indiana Woods

## CHELATED IRON—"Sequestrene"

A soluble material that corrects iron deficiency. It quickly "greens up" plants and increases yield.

1 lb. ....\$2.25 Ctn. of 12.....\$ 18.00  
5 lbs. .... 10.00 Ctn. of 6..... 40.00  
10 lbs. .... 15.00 100 lbs. .... 125.00  
250 lbs. .... 300.00  
100 lbs. or more shipped prepaid.

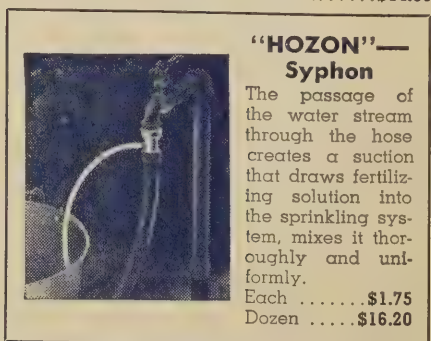
## COMPOST MAKERS

**ACTIVO.** Soil energizer and compost activator. Builds soil to richness by direct application or by making better compost, quicker.

No. 2 (\$1.00 list.) Treats 450 lbs. of compost.  
Each.....\$ .90 Ctn. of 12.....\$7.20

No. 7 (\$2.69 list.) Treats 1,300 to 1,700 lbs.  
Each.....\$2.25 Ctn. of 6.....\$9.75  
No. 20 (\$5.95 list.) Treats 2 tons.  
Each.....\$4.25 3 for.....\$12.00

**ADCO.** Make your own manure. Turn every bit of vegetable waste—leaves, weeds, cuttings, etc., from the garden, straw and corn stalks from the farm—into real manure without animals by the simple ADCO process.  
20 lb. bag.....\$3.00 100 lbs.....\$14.00



## "HOZON"— Syphon

The passage of the water stream through the hose creates a suction that draws fertilizing solution into the sprinkling system, mixes it thoroughly and uniformly.

Each .....\$1.75  
Dozen .....\$16.20

## RECOMMENDED APPLICATION OF COMMON FERTILIZER MATERIALS

Name of Material	Analysis: Nitrogen— Phosphorus— Potash	Rate of Application	
		Dry	Liquid
AMMONIUM SULPHATE .....	20-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
NITRATE OF SODA.....	16-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
DRIED BLOOD .....	13-0-0	2 lbs. per 100 sq. ft.	Insoluble
SUPERPHOSPHATE .....	0-20-0	5 lbs. per 100 sq. ft.	Insoluble
BONE MEAL .....	2-27-0	5 lbs. per 100 sq. ft.	Insoluble
MURIATE OF POTASH .....	0-0-62	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
AMMONIUM PHOSPHATE .....	11-48-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
BLOOD AND BONE .....	8-20-0	3-4 lbs. per 100 sq. ft.	Insoluble
BONE TANKAGE .....	5-30-0	3-4 lbs. per 100 sq. ft.	Insoluble
POTASSIUM NITRATE .....	16-0-26	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
IRON SULPHATE .....	0-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
CHELATED IRON .....	0-0-0	1 lb. per 100 sq. ft.	1 teaspoon per gal.
CALCIUM SULPHATE .....	0-0-0	3-5 lbs. per 100 sq. ft.	
MAGNESIUM SULPHATE .....	0-0-0	½ lb. per 100 sq. ft.	
MANGANESE SULPHATE .....	0-0-0	¼ lb. per 100 sq. ft.	

COMPILED BY OHIO FLORIST ASSOCIATION

PRICES SUBJECT TO CHANGE WITHOUT NOTICE





The new chemical soil conditioner which, if applied to problem soils such as "hard clay" will change the mechanical structure to a loose, crumbly consistency. Treated soil readily absorbs and retains moisture, is better aerated. Roots more easily penetrate the loose soil, and fertilizer is made more readily available to plants.

KriliuM can be used to advantage in greenhouse benches, in potting soil, outside beds and in building or rebuilding lawns.

**MERLOAM FORMULATION.** A 25% active powder for dry application. Convenient for use by the home gardener. One pound treats 16-20 sq. ft. 3 inches deep.

1-lb. Shaker can (List \$1.39)  
Each.....\$1.00 Ctn. of 12.....\$11.12  
5-lb. pkg. (List \$4.95)  
Each.....\$3.50 Case of 6.....\$19.80

**LOAMAKER FORMULATION.** Full strength (100% active) KriliuM for commercial or large scale use. One pound treats 100 sq. ft., 3 inches deep.

10-lb. pkg. ....\$19.00 Case of 4.....\$75.00  
25-lb. drum ... 47.00 50-lb. drum .. 90.00

**LIQUID KRILIUM.** For surface treatment of row crops to prevent crusting of soil. Improves germination and emergence of seedlings, bulbs and onion sets at a cost of about \$5 per acre. Not recommended for depth treatment.

1 gal.....\$ 5.25 Case of 4.....\$ 20.00  
5 gal..... 22.20 50 gal..... 200.00

## Terra-Lite Brand VERMICULITE

Terra-lite is mineral mica, heat processed at 2000° F. to expand it into a light, sponge-like substance. It is a highly versatile growing medium that does not rot, sour or flake. Terra-lite is sterile—free of diseases, insects and harmful chemicals.



### ALL THESE USES

**Starting Seeds.** Perfect air-moisture control for speedy, dense root growth. High rate of germination seeds easily plucked out for transplanting.

**Rooting Cuttings.** Cuttings quickly develop in Terra-Lite, with masses of hair roots.

**Mulching.** Protection for shrubs or plants, winter or summer.

**Lightening Heavy Soil.** Aerates, breaks up tough soil, lets roots spread out. Fine for sandy soil too.

**Transplanting.** Mix Terra-Lite in your soil before transplanting cuttings, seedlings, bushes, shrubs. Regular air-water feeding to roots.

**New Lawns.** Terra-Lite improves lawn soils through aeration, stops caking, eases watering problems.

**Storing Bulbs.** Ideal for this use; keeps bulbs firm and plump, prevents rotting.

4-quart bag .....\$ 0.39  
Ctn. of 12. Wt. 12 lbs..... 2.94  
½-bushel bag ..... .85  
Ctn. of 6. Wt. 19 lbs..... 3.18  
4-cu. ft. bag. Wt. 24 lbs..... 1.50  
10 for ..... 14.50



## SOLUBLE FERTILIZERS FOR LIQUID FEEDING

KAPCO was the first to take soluble fertilizers out of the fancy-priced class and offer growers not one, but several analyses of solubles, highly concentrated for making "liquid fertilizers." KAPCO has been tested, approved, and used by several experiment stations and is used by large growers, golf courses, and nurserymen all over the United States.

Advantages of liquid feeding:

1. Frequent light feedings are not as shocking as in dry feeding.
2. Less salt formation.
3. Feeds and waters in one operation, saving time and labor.
4. Uniform feeding results in uniform plant growth.
5. Less fertilizer is required, thus effecting a savings.

### GROWER'S SIZES

Analysis	25-lb.	80-lb.	800-lb.	Ton
15-30-15	.22	.20	.19	.17
20-20-20	.22	.20	.19	.17
16-0-26	.20	.16	.14	.13
Azalea Acid				
21-7-7 plus				
Iron Sulphate	.22	.20	.19	.17

Advantages of KAPCO Solubles:

1. Most economical in the field.
2. Large selection, thus adjusting the plant food to the crop.
3. 99½% soluble, not merely ground fine.
4. KAPCO phosphates are drug-pure and are 100% soluble and available.
5. Trace elements added in an available form.
6. Color tracer shows when you are feeding.

### RESALE PACKAGES

**KAPCO SOLUBLE FERTILIZER.** 15-30-15.

For general use—floral and vegetable crops, fruits, shrubs, house plants.

7-oz. (Retail 49c) Each.....\$0.35  
Carton of 24..... 7.20  
20-oz. (Retail \$1.00) Each..... .70  
Carton of 12..... 7.20

**KAPCO AZALEA ACID FERTILIZER.** 21-7-7 plus chelated iron. For Azaleas, Camellias, Rhododendrons, Evergreens, and other acid-loving trees, shrubs, and for feeding in alkaline soils.

20-oz. (Retail \$1.00) Each.....\$0.70  
Carton of 12..... 7.20

## WATER-SOLUBLE FERTILIZERS

**Folium.** A special concentrated plant food that starts feeding plants the instant it contacts the leaves, stems, fruit or roots. A new product developed by the same scientific research that produced KriliuM. Backed by national advertising. Analysis: 20-20-20.

2 ozs. Makes 2 gallons. (List, 25c)  
Display carton of 24.....\$4.00  
1 lb. Makes 25 gallons. (List, \$1.25)  
Each.....\$0.95 Carton of 12.....\$10.00  
5 lbs. Makes 125 gallons. (List, \$4.50)  
Each.....\$3.25 Case of 6.....\$18.00

**HYPONEX.** A scientifically compounded mixture of chemicals in dry form which, when dissolved in water, yields a nutrient solution which is capable of supplying all the essential elements in a properly balanced form necessary for vigorous plant growth.

1-oz. size .... 10c Ctn. of 72....\$ 4.80  
3-oz. size .... 25c Ctn. of 36.... 6.00  
7-oz. size .... 50c Ctn. of 24.... 8.00  
1-lb. ....\$ 1.00 Ctn. of 12.... 8.00  
10-lb. .... 5.34 25-lb. .... 10.00  
50-lb. .... 16.67 100 lbs. .... 26.67

**NEW PLANT LIFE.** A very popular Liquid Fertilizer. Used for House Plants, also in Greenhouses.

3-oz. Bottles. Each...\$0.29 Ctn. of 24...\$4.64  
8-oz. Bottles. Each... .59 Ctn. of 24... 9.44  
Pt. Bottles. Each... .98 Ctn. of 12... 7.84  
Qt. Bottles. Each... 1.65 Ctn. of 6... 6.60  
Gal. Bottles. Each..... 3.00  
5-gal. Drum. Each..... 10.00

**PLANTABBS.** Analysis: 11-15-20. Contain Vitamin B<sub>1</sub>. Plantabbs supply a complete balanced plant food of high analysis; therefore, when combined with Vitamin B<sub>1</sub> produce startling results.

25c size—30 Tablets. Dozen.....\$ 2.00  
50c size—75 Tablets. Dozen..... 4.00  
\$3.50 size—1000 Tablets. Each..... 2.35  
Grower's size—20,000 Tablets..... 34.00

**TAKE HOLD.** Analysis: 10-52-17. All-soluble starter solution. Prevents set-back and stimulates growth.

3 lbs. bag...\$1.00 Case of 15 bags...\$10.00  
50 lbs. .... 10.50



New Style 5-Gallon Size, Streamlined to Fit Narrow Greenhouse Aisles.

## DELTA DISPENSER Fertilizes and Waters in One Operation

The Delta Dispenser feeds more evenly and economically.

Simply fill the container with the soluble plant food of your choice, adjust the mixture control to the recommended mixture and turn on your water to the desired flow.

1-gal. Portable Model ...\$ 90.00  
5-gal. Wheelbarrow Model 165.00  
15-gal. Wheelbarrow Model 250.00

F. O. B. Downey, Calif.

Send for Detailed Circular

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



# INSECTICIDES AND FUNGICIDES

## REFILLABLE AEROSOL BOMBS—The Modern Method of Pest Control

Send for Detailed Technical Bulletins



### PARATHION No. G-54

One of the most effective controls known for red spider, mealy bugs, aphids, thrips, leaf rollers, white fly, cyclamen mite and many other greenhouse pests. 4-lb. bomb contains 10% Parathion. Very toxic, be sure to use recommended precautions. One bomb treats 200,000 cu. ft. of greenhouse space. Do not use when sulphur is present; may cause damage.

### DITHION No. G-57

Valuable in control of Parathion-resistant red spider, as well as aphids, and certain species of mealy bugs and white fly. No injury noted on roses when sulphur is present. 4-lb. bombs contain 5% Tetraethyl di-thio pyrophosphate and treats 200,000 cu. ft.

Approved Gas Masks must be worn when applying Parathion, TEPP, or Dithion—See page 64

### ARAMITE No. G-60

Especially effective against the resistant red spider. 4 lb. bomb contains 10% Aramite and treats 200,000 cu. ft. Use two applications one week apart.

### TEPP No. G-52

Contains 5% Tetraethyl Pyrophosphate and treats 400,000 cu. ft. of space in 10 minutes. Effective on red spider, aphids, white fly and certain mealy bugs.

### 5% D.D.T. No. G-50

Contains 5% D.D.T. and controls many greenhouse pests including thrips, leaf rollers, leaf tiers, white fly, and certain aphids and mealy bugs.

### PRICES OF BOMBS

No.	Type	Each	*Deposit
G-50	DDT	\$ 8.50	\$3.75
G-52	TEPP	6.50	3.75
G-54	Parathion	8.00	3.75
G-57	Dithion	8.00	3.75
G-60	Aramite	12.00	3.75

\*NOTE: The Deposits on the Bombs are refunded when they are returned to us prepaid. Orders of 12 or more bombs will be shipped prepaid, and empties may be returned collect.

### APPLICATORS

Special applicators must be used with these Aerosol Bombs. Applicator has universal coupling to fit any bomb.

No. 20	24-inch	\$5.50
No. 30	36-inch	6.50
No. 40	48-inch	7.00

### AEROSOL BOMBS

The modern push button way of insect control.

**ANTROL ROSE BOMB.** Contains Lindane and Rotenone. Protects Roses, Mums, Asters, Gladioli, Geraniums and other garden flowers against Aphids, Japanese beetle, Leafhoppers, Thrips and other insects.

12-oz. bomb...\$1.20 Case of 12....\$11.92

**ANTROL AFRICAN VIOLET BOMB.** Contains Pyrethrins, Rotenone, Piperonyl Butoxide. Controls microscopic sucking insects on African Violets, Ivy, Ferns, Philodendron, Rubber Plants, etc.

6-oz. bomb....\$0.70 Case of 12.....\$7.12

**SPRAYWAY HOUSE PLANT BOMB.** Contains Pyrethrum, Rotenone, Piperonyl Cyclonene. Kills Aphids, Spider Mites, Thrips, White Fly Mealy Bugs and other insects both indoors and outdoors.

10-oz. bomb....\$1.10 Case of 12.....\$10.80

### ACME ALL-ROUND DUST

Handy pump gun package of insecticides and fungicides for all-round protection of flowers, vegetables and fruits. Contains Methoxychlor, Rotenone, Fermetate and Zerlate. 8 oz. Each....\$0.60 Case of 24...\$12.80

### ALL-ROUND SPRAY

Provides complete protection of flowers, fruits and some vegetables. Contains DDT, Rotenone, Sulphur and Zerlate.

1 lb....\$0.85 Case of 12....\$8.80

### APOMITE

#### Double Rotenone Spray

For the control of red spider, thrip, aphids, green flies, black flies, white flies, cabbage worms, asparagus beetles, Mexican bean beetles, etc., on greenhouse crops, fruits and vegetables. Contains spreader and sticker. Quart.\$3.50 Gallon.\$11.00 5 gallons..\$50.00

### ARAMITE—15% Wettable

New material highly effective against red spider (including Parathion-resistant variety) on greenhouse and outside flowers and fruits. Non-hazardous to humans.

4 lbs.....\$3.20 50 lbs.....\$38.50



### ARSENATE OF LEAD

For spraying or dusting. A poison for controlling most leaf-eating pests.

1 lb. ....	\$ .60	Ctn. of 24....	\$11.04
4 lbs. ....	1.50	Dozen .....	14.16

### NICOTINE SULPHATE



For control of many insects, including Aphids, Mealy Bugs, Thrips, Leaf Miners, Leaf Rollers, etc., on flowers, fruits and vegetables.

1 oz. ....	\$ .30	Ctn. of 24....	\$ 6.24
5 oz. ....	.90	Dozen .....	9.52
1 lb. ....	2.00	2 lbs. ....	3.60
5 lbs. ....	7.60	10 lbs. ....	14.70
50 lbs. ....			71.00

### BENZENE HEXACHLORIDE

#### 12% Wettable Powder

Useful for thrips and aphids. Also a repellent for termites. 4-lb. bag.....\$3.00

### BORDEAUX MIXTURE—Dry

A very effective fungicide for control and prevention of mildew, blight, scab, black rot, and leaf curl. Also most fungous diseases on Plants, Fruits, etc.

1 lb. ....	\$0.45	Ctn. of 24....	\$ 8.48
4 lbs. ....	1.25	Dozen .....	11.60

### CERESAN—New Improved

Seed disinfectant for Wheat, Oats, Barley, Rye, Sorghums, Millets, Flax. Also, to disinfect Calla Bulbs against Root Rot and Soft Rot.

1 lb.....	\$1.30	100 lbs.....	\$85.00
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### CHLORDANE

#### (40% Wettable Powder)

A very effective stomach poison for a few chewing pests that are resistant to D.D.T. Extremely effective in the control of grasshoppers.

1 lb. ....	\$1.25	Dozen .....	\$12.00
4 lbs. ....	3.25	Dozen .....	36.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

### CHLORDANE—(Acme 6% Dust)

For control of many garden and lawn pests such as ants, cutworms, chiggers, slugs, snails, grubs, etc. Also, for cockroaches, silverfish, carpet beetles, etc.

1-lb. sifter can..	\$0.50	Case of 24....	\$ 9.60
4-lb. bag .....	1.25	Case of 12....	12.00

### CHLORDANE—(5% Dust)

50 lb. bag .....	\$7.50
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### CHLOROBENZILATE 25% Wettable

A new material giving excellent control of red spider, including the resistant variety, on roses and other ornamentals.

4 lb. bag .....	\$6.00
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### COPPER SULPHATE—(Blue Stone)

10 lbs.....	\$2.75	25 lbs.....	\$ 5.75
100 lbs. ....			19.00

### CORROSIVE SUBLIMATE

A very effective bulb disinfectant, especially prepared to control Gladiolus Thrips.

4-oz. bottles. Each.....	\$1.50		
1-lb. bottles....	\$5.30	5-lb. bottles....	\$25.75

### CYANOGEN "G"

A deadly, very effective fumigant for control of anything that breathes. Will destroy rodents as well as insects. Full directions on each can. Follow directions closely.

5-lb. can—Wt. 8 lbs.....	\$ 4.25
25-lb. Drums—Wt. 32 lbs.....	13.75
100-lb. Drums—Wt. 111 lbs.....	31.00

### DDT POWDER—50%—Wettable

This powerful contact and stomach poison is useful against many pests, including Thrips, Leaf Rollers, Leaf Hoppers, White Fly, Mum Midge, Tarnished Plant Bug, Scale, Ants. Applied to the soil, it will kill Sow Bugs, Snails, Slugs, and many other grubs and worms. Do not use on KALANCHOE.

1 lb. ....	\$0.70	Case of 24....	\$12.00
4-lb. bag .....	1.60	50-lb. drum ....	16.50

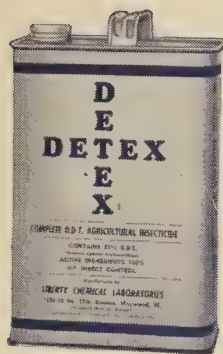
### DDT DUST—5%

For dusting plants. Also used in storing gladiolus bulbs as a protection against thrip.

5 lbs. ....	\$1.00	50 lbs.....	\$6.00
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## INSECTICIDES AND FUNGICIDES



### DETEX—Contains 25% DDT

A complete insecticide. This formula has been tested by leading commercial greenhouses during the past three years and has been enthusiastically received. Do not use on KALANCHOE.

Quart .....	\$ 3.50
Gallon .....	11.00
5 gallons .....	50.00

### DIMITE

A quick, positive, long lasting contact control for mites and red spider on flowers, evergreens, trees, shrubs and vegetables.

2 oz. ....	\$0.60	Dozen .....	\$ 5.52
Quart .....	3.50	Gallon .....	12.00

### DOWFUME MC-2

A fumigant used under a gasproof tarpaulin for treatment of soil in benches, flats, seed beds, soil piles and local areas to control certain weeds, grasses, damping-off organisms, nematodes and insect pests. Leaves no harmful residue in soil. Contains 98% Methyl Bromide and 2% Chloropicrin.

Trial kit includes 4 lbs. MC-2, 1 pc. Visqueen Film 8 ft. x 16 ft., and 1 Jiffy Applicator with 10-ft. tubing.

Trial Kit .....			\$12.50
1 lb. can MC-2...	\$1.00	Case of 24....	\$20.40
Jiffy Applicator .....			4.00
Visqueen Film, 10½-ft. wide, 100-ft. roll.			\$30.00
Visqueen Film, 13½-ft. wide, 100-ft. roll.			35.00
Visqueen Film, 16-ft. wide, 100-ft. roll...			40.00

### DuPONT SPREADER-STICKER (Formerly known as Grassli Spreader)

Pint cans (1 lb.) .....	\$ 1.15
Gallon cans (8 lbs.) .....	7.95
5-gallon drums (40 lbs.) .....	37.50

### "EVERGREEN" GARDEN SPRAY

A pyrethrum spray deadly to common sucking and chewing garden insects.

1 oz. ....	\$0.35	Dozen .....	\$ 2.80
6 oz. ....	1.15	Dozen .....	9.25
Pint .....	2.45	Dozen .....	20.90
Gallon .....			12.60

### FISH OIL SOAP

For washing Palms, stems of Plants and Trunks of Trees. Used with success for years.

Pint .....	\$0.90	Quart .....	\$ 1.60
Gallon .....	4.40	5 gallons .....	18.00

### Important! Minimum Order Charge

Because of the high cost of labor and packing materials, it is necessary for us to make a SERVICE CHARGE of \$1.00 on all orders under \$5.00. Please include in your orders some additional items to make your order a minimum of \$5.00 and avoid the extra service charge.

### FERMATE—Fungicide



This organic fungicide gives satisfactory control of rust and black spot of roses; Alternaria blight and rust of carnations; snapdragon rust; bacterial leaf spot of geraniums, Septoria leaf spot of chrysanthemums, Botrytis rot of Cyclamen; Botrytis blight. FERMATE also effectively controls cutting-rot diseases and damping-off diseases in

cutting beds. To be applied before disease infection occurs.

3 lbs. ....	\$2.45	Case of 12 3-lb. ....	\$25.80
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### FORMALDEHYDE DUST "FORMACIDE"

For the control of damping-off seedlings. Also a disinfectant against soil diseases.

1 lb. ....	\$ 0.85	5 lbs. ....	\$ 2.50
25 lbs. ....	10.00	50 lbs. ....	17.50
100 lbs. ....			30.00

### FORMALDEHYDE—LIQUID—40%

A very effective and economical fumigant and disinfectant.

1 gallon .....	\$3.95
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### FUNGITROGEN

#### Mildew—Black Spot Spray

An effective and scientific preventive and remedy for Mildew, Black Spot, and many Fungous Diseases of Roses, Phlox, Hollyhocks, Delphiniums, Sweet Peas, Chrysanthemums and many other flowering plants.

Quart. ....	\$2.00	Gallon .....	\$6.00
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### GARDEN GUARD—Rotenone Dust

Dust with Acme Garden Guard from the sifter carton and enjoy the fruits of your toil. The killing ingredient is non-injurious to humans and warm-blooded animals. Every particle of dust is active. It gives immediate control over a wide range of insects, including such hard-to-kill bugs as SQUASH BUGS and CUCUMBER BEETLES.

1-lb. sifter cans. Each .....	\$0.50
4-lb. bags. Each .....	1.00
50-lb. bags. Each .....	9.50

### GRAPE and ROSE DUST

For the control and prevention of Fungous diseases, Black Spot, Mildew, etc., on Grapes and Flowers.

5-lb. tin .....	\$ 1.25
25-lb. tin .....	4.25
100 lbs. ....	15.00



### GREENOL

#### Liquid Fungicide

For control of Powdery Mildew on Roses, Dahlias, Delphiniums, Sweet Peas, Garden Peas, Beans, Cucumbers, etc.

½ gallon .....	\$5.00
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### ISCOTHAN—See "Mildex"

### LIME SULPHUR

1-lb. tin .....	\$0.60	5-lb. tin .....	\$ 2.50
25-lb. tin .....	6.25	100-lb. tin .....	22.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



### "FIGHT THRIPS WITH LYSOL"

Just before planting . . . soak bulbs for 8 hours in a weak solution of LYSOL (4 teaspoonfuls to 1 gallon of water) . . . allow to drip.

Any type of Container can be used.

—PRICES—

1 gallon .....	\$ 4.00
5 gallons .....	18.75
10 gallons .....	35.00

### LINDANE 5% SPRAY—Acme

An organic spray for control of aphids, thrips, beetles, symphylids and other insects on plants and in soil.

4 oz. ....	\$ .60	Dozen .....	\$ 6.00
Pint .....	2.00	Dozen .....	19.20

### LINDANE—25% Wettable

4 lb. bag .....	\$10.00
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### MALATHION—50% Emulsifiable

A new spray for aphids, thrips, soft brown scale, mealy bugs, and non-resistant red spiders. Relatively non-poisonous.

Pint .....	\$2.95	Gallon .....	\$14.50
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### MILDEX

#### (Formerly Called Iscothan)

A wettable powder for controlling powdery mildew on roses and other greenhouse crops. Combines effectively with Aramite and Santomerse S as a spray for both mildew and red spider.

9 lbs. ....	\$18.90	100 lbs. ....	\$175.00
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### NAPHTHOLENE FLAKES

10 lbs. ....	\$ 4.00	25 lbs. ....	\$ 7.25
50 lbs. ....	13.50	100 lbs. ....	25.00

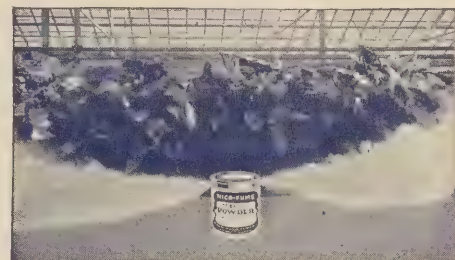
### NICO-FUME—Liquid

Contains 40% free Nicotine for use in spray or vaporizing on steam pipes. Controls aphids, burdock leaf miners, greenhouse orthezia, lace bug, mealy bug and similar pests.

2-lb. tin (Qt.) .....	\$ 3.20
8-lb. tin (Gal.) .....	11.05
40-lb. drum (5 Gal.) .....	53.75



### NICO-FUME PRESSURE FUMIGATOR



The most convenient means of controlling green fly, black fly, mum and rose midge, adult pickle midge, adult leaf tyer, adult oblique banded leaf roller.

Case of 12 ½-lb. cans .....	\$4.50
Case of 12 1-lb. cans .....	8.55

### "NICO-FUME" HOLDER

Holder, complete. Weight 2 lbs. ....	\$2.00
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# INSECTICIDES AND FUNGICIDES

## N.N.O.R.

An effective rotenone spray.

Gallon.....\$10.00 5 gals.....\$45.00

## OPTOX

An all-purpose insecticide blending Rotenone and Pyrethrum in a concentrated spray for both chewing and sucking insects. Contains its own vegetable oil spreader that will not discolor or burn foliage.

Quart.....\$3.70 Gallon.....\$12.00  
5 gallons ..... 55.00

## OPTOX SPECIAL—With DDT

Same as regular Optox with 10% DDT added.

Gallon .....\$12.00  
5 gallons ..... 55.00

## OVOTRAN—50% Wettable

Contains K-6451 and is effective against red spider, both adult and egg stage. Can be used as spray or painted on steam pipes. 4 lbs. \$6.00

## PARATHION 15% Wettable

4-lb. can.....\$3.00 50-lb. drum.....\$32.50

## PARATHION DUST—2%

50 lbs. ....\$7.50

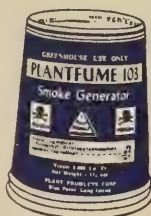
## PARZATE

3-lb. bag.....\$2.85 Case of 12.....\$31.20

## POTASSIUM PERMANGANATE

1 lb.....\$0.85 25 lbs.....\$18.00

## PLANTFUME SMOKE GENERATORS



Generate a smoke which carries dithion insecticide to every part of greenhouse. Controls red spider, aphids, white fly, mealy bug, thrips and other pests.

5,000 cu. ft. generators.  
Ctn. of 36.....\$10.50  
20,000 cu. ft. generators.  
Ctn. of 12..... 12.00

## "RED ARROW" SPRAY

A very effective spray for both chewing and sucking insects. Contains proper proportion of Soap Spreader and Activator.

1-oz. ....\$ .35 4-oz. ....\$ 1.00  
Pint ..... 2.85 Quart ..... 3.85  
Gallon ..... 14.00 5-gallon ..... 66.50

## ROTECIDE

### The Standard Rotenone Spray

Especially effective for Red Spider and Mealy Bug.

Bug. 1 quart.....\$ 3.00  
1 gallon....\$8.00 5-gallon drum.... 35.00

## SANTOMERSE S PENETRATOR

An excellent new Penetrator and Spreader. Best penetrator for the troublesome Mealy Bug. Ideal spreader for use with TEPP. Used 1 to 1600. 1 gallon .....\$5.50

## SCALECIDE—Dormant Spray

Finest for control of San Jose Scale in greenhouse or nursery.

1-gallon tins .....\$ 2.00  
5-gallons.....\$9.30 55-gallons..... 53.00

## SEMESAN

Used as a dust or in solution with water for treatment of seeds, corms, bulbs and seedlings. Reduces seed rotting and damping-off.

4-oz. can.....\$1.00 12-oz. can.....\$ 2.85  
25-lb. can ..... 72.65

## SLUG SHOT—Dust

For control of chewing insects.

1-lb. tins.\$0.50 5-lb. tins.\$1.95 25-lb. bag.\$6.00

## SNAILICIDE

Contains 10% METALDEHYDE and 5% CHLORDANE. A new, effective control for snails and slugs. Apply 1 lb. per 400 sq. ft.

5 lb.....\$ 4.00 Bale of 12.....\$36.00  
20 lb..... 13.00 50 lb..... 29.00

## SNAROL MEAL OR PELLETS With Metaldehyde

A ready prepared bait meal that means sure death for Snails, Slugs, Earwigs and other garden pests.

Meal or Pellets—state which

1 lb. ....\$ 0.50  
2½ lbs. .... 1.00  
6 lbs. .... 2.00  
50 lbs. .... 10.00



## SNAROL CUTWORM BAIT With Toxaphene

A ready prepared meal for controlling cutworms, army worms, crickets and grasshoppers. Pests are lured to bait and quickly destroyed by contact as well as through the stomach.

1 lb. ....\$0.50 2½ lbs. ....\$ 1.00  
6 lbs. .... 2.00 50 lbs. .... 10.00

## SODIUM SELENATE—Pure

The new insecticide that makes plants bite back and destroy many of the insects that hurt them. When applied to the soil in water solution, it is absorbed by the plants, making them poisonous to most insects. Especially effective with soft plants like carnations, chrysanthemums, cyclamens, gladioli, etc.

4 oz.....\$2.75 1 lb.....\$7.00

## SODIUM SELENATE POWDER "Seltax"

Contains 2% Sodium Selenate and 98% carrier (super-phosphate). Applied like a dry fertilizer. Action same as Sodium Selenate above.

25 lbs.....\$ 7.25 50 lbs.....\$ 13.50  
100 lbs..... 24.00 500 lbs..... 112.50

## SOILENE—Soil Insecticide

For treatment of greenhouse or garden soils. Controls many pests including symphyllids, sow bugs, strawberry root worm, white grubs, Japanese beetle grubs, wire worms, ants, root aphids, root maggots, chinch bugs, rose midge, rose beetle, certain species of cutworm and immature stages of thrips. Harmless to plants. Use 10 lbs. per 1,000 sq. ft.

50-lb. bag.....\$15.00 500 lbs.....\$125.00

## ATTRACTIVE RESALE PKGS. 25c SIZE

5 Kapsulates per Packet.

Case of 24  
Pkts. ....\$3.60

## 50c SIZE

12 Kapsulates per Packet.

Case of 12  
Pkts. ....\$3.60

\$1.00

## COMBINATION

24 Kapsulates per box and 2½ oz. of PLANT-L-IZER\*.

\*A soluble high concentrate of nutrients and hormones. No other plant food or trace elements necessary. Case of 12 Combinations .....\$7.20

## SPECIAL

DISPLAY EASEL

Consists of 36

25c Size plus 2

\$1 Size

Retails for \$11.00

Your Cost \$6.60

## GROWERS' SIZES

100 .....\$ 2.35

500 ..... 11.25

1000 ..... 21.50

## New KAPSULATE

A COMBINATION OF SODIUM SELENATE plus FERTILIZER IN CAPSULES

**25¢ FOR 3 CAPSULES**      **15 CAPSULES FOR \$1.25**

**PROTECT AND FEED with KAPSULATE**

AFRICAN VIOLET "ULRY'S BLUE GIRL"

Just place KAPSULATE on the potted soil

**FEEDS the PLANTS AND PROTECTS (Kills or Repels) Many INSECTS such as**

- ✱ AFRICAN VIOLET MITE
- ✱ RED SPIDER
- ✱ APHIDS
- ✱ MIDGE AND ✱ THRIP, ETC.

ON

**African Violets**

and OTHER FLOWERS AND PLANTS

Use KAPSULATE once every 2 months and Feed KAPCO Liquid Fertilizer every 2 weeks

**Just display KAPSULATE — They sell for themselves**



## INSECTICIDES FOR RESALE

### SPERGON—Wettable

To control root rot and soft rot of lilies. Also, to prevent seed decay and damping-off.

1 lb. .... \$ 1.25    10 lbs. .... \$10.00  
50 lbs. .... 48.50    100 lbs. .... 95.00

### SPERGON GLADIOLUS DUST

A mixture of Spergon and DDT. Spergon, a fungicide, helps control storage rot and corm decay. DDT helps control thrips.

1 lb. .... \$1.50    10 lbs. .... \$10.75  
50 lbs. .... 51.00

### SULPHUR—Wettable and Dusting



An improved dusting sulphur for home use which can also be used as a liquid spray. Controls red spiders on evergreen, and mildew, leaf spot, black spot, and rust on rose bushes, chrysanthemums, snap-dragons, carnations and certain other foliage.

2-lb. Sifter Carton.....\$0.50

### SULPHUR—For Spraying "Magnetic"—Wettable

Goes into solution with water immediately. Now takes the place of Colloidal Sulphur at less than 1/3 the cost.

4-lb. bag .....\$0.50    Dozen.....\$4.00  
50-lb. bags. Each..... 3.75

### SULPHUR—For Dusting "Owl Brand"

Per 100 lbs.....\$4.95

### SULPHUR—For Burning "Anchor Brand"

Sublimed Flowers of Sulphur.

Per 100 lbs.....\$6.95

### TARTAR EMETIC

To control Gladiolus Thrips; also all other types of Thrips.

Formula: 2 lbs. TARTAR EMETIC, 4 lbs. Brown Sugar, 100 gallons water.

1 lb. .... \$ 1.25    5 lbs. .... \$ 5.00  
25 lbs. .... 23.50    50 lbs. .... 45.00  
100 lbs. .... 85.00

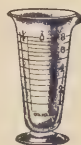
### GLASS GRADUATES

For accurate measurement of your valuable insecticides.

Available in 2 sizes—8 oz. and 16 oz.

8-oz. size (1/2 pint). Each...\$3.00

16-oz. size (1 pint). Each... 3.50



### TEPP

See Aerosol Bombs or Vapotone

### TOBACCO DUST

50-lb. bag .....\$2.75

## TREE TANGLEFOOT

The original sticky compound for banding trees, shrubs and vines to prevent destructive climbing insects from reaching the upper parts and destroying buds, foliage, etc. Won't soften or melt, yet always elastic. Non-injurious, easy to apply. Lasts 3 months.

6 oz. .... \$ .90    Case of 12.....\$ 7.20

1 lb. .... 1.50    Case of 12..... 12.00

5 lbs. .... 7.00    25 lbs..... 26.50

### TRIOGEN DUST

An All-Purpose Garden Dust

Contains a perfect blend of DDT, Lindane, Chlorosulfonate, Fermate, and Sulphur to control sucking and chewing insects as well as mildew, black spot and certain blights.

1 lb.....\$ 1.00    5 lb.....\$ 4.00  
25 lb..... 16.25    50 lb..... 32.50

### TRIOGEN SPRAY

The All-Purpose Spray for Roses

This outstanding Rose Spray is effective also on Asters, Snap-dragons, Chrysanthemums and many other plants including vegetable garden produce. A complete insecticide and fungicide for the garden.

**E KIT.** Economy size (makes 8 qt.). Protects 6 to 10 roses for season.....\$ 1.50  
**A KIT.** Small size (makes 16 quarts.). Protects 12 to 20 roses for season..... 2.35  
**B KIT.** Medium size (makes 64 qts.). Protects 50 to 80 roses for season..... 6.00  
**C KIT.** Large size (makes 32 gals.). Protects 100 to 160 roses for season..... 9.00  
**D KIT.** Estate size (makes 128 gals.). Protects 400 to 600 roses for season..... 30.00

### TOMATO DUST—Acme

Controls both early and late blight as well as hornworm, fruit worm and flea beetle. Contains 10% Metallic copper and 4.8% Metallic Arsenic.

1 lb. sifter.....\$ .50    Case of 24....\$ 9.60  
4 lbs. .... 1.20    Case of 12.... 12.00

### VAPOTONE XX

Contains tetraethyl phosphates. The new organic insecticides that has been giving such spectacular results against Red Spider and Aphids on Roses, Carnations, Gardenias, Mums, etc.

4 oz. ....\$1.00    Case of 24....\$16.00  
Pint ..... 2.75    Case of 12.... 22.00  
Gallon ..... 11.90

### VOLCK

An oil spray used against Mealy Bugs, Scale Insects, Red Spider and White Fly.

4 oz. ....\$0.35    Gallon .....\$2.85  
Pint ..... .70    5 gallon ..... 9.85

### ZERLATE

3 lb. bag...\$2.45    Case of 12 3-lb....\$25.80



## ROOTONE

Reg. U. S. Pat. Off.

A hormone powder for cuttings, seeds and bulbs. Just dust and plant.

1/4-oz. pkg.—25c size. Ctn. of 24.....\$4.00

2-oz. jars (up to 3,000 cuttings). Each.... 1.00

Per dozen ..... 8.00

1-lb. pkg. (up to 30,000 cuttings). Each.... 5.00

### Rootone No. 10

2 1/2 times stronger than the standard. For woody cuttings.

2-oz. jar. Each .....\$ 2.00

1-lb. can. Each ..... 10.00

## TRANSPLANTONE

1/2-oz. pkg.....\$0.25    Ctn. of 24.....\$4.00

3-oz. cans..... 1.00    Doz. cans..... 8.00

1-lb. cans. Each ..... 4.00

It contains the root forming hormones, Vitamin B<sub>1</sub>, and other members of the Vitamin B Complex, which are important to plant growth.

## FRUITONE

REG. U. S. PAT. OFF.

The Hormone Spray Stops Preharvest Drop.

2 oz.....\$1.00    12 oz.....\$5.00

Dilution: 2-oz. to each 25 gals. of water.

## HORMODIN POWDER

Reg. U. S. Pat. Off.

The Hormone Powder for rooting cuttings faster and better. Available in three strengths: No. 1 for house, garden and greenhouse plants; No. 2 for woody and semi-woody plants; No. 3 for evergreens and trees.

25c size. No. 1 Powder. 24 on a card....\$3.60

Combination Package (No. 1, No. 2

and No. 3)..... .75

**HORMODIN POWDER No. 1**

1 1/4 oz.....50c    1-lb. tins.....\$3.00

**HORMODIN POWDER No. 2**

1 1/4 oz.....75c    1 lb.....\$4.50

**HORMODIN POWDER No. 3**

1 oz.....\$1.00    1/2 lb.....\$4.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



# PEST AND ANIMAL CONTROLS

## FLY AND INSECT BOMB

Original government formula DDT insecticide. For flies, mosquitoes, gnats, roaches, wasps, hornets, bedbugs, etc.

Each.....\$1.00 Ctn. of 12.....\$10.00



## ANTROL ANT AND ROACH BOMB

A quick, handy way to control ants. Spray trails and nests. Leaves a residual deposit of LINDANE—new powerful killer—remains effective for weeks.

12 oz. bomb..\$1.10 Case of 12..\$11.12

## ANT KILLER—"Jones"

A liquid ant food to which ants are attracted and killed. Stainless, odorless, inexpensive, easy to use. For home or garden.

½ oz.....\$0.15 Dozen.....\$1.08  
2 oz......25 Dozen..... 1.80

## "READY FILLED" Antrol Set

The Ready Filled Antrol Set consists of four patented glass "feeders" filled with regular Antrol Syrup, packed in the powerful display carton illustrated at right.



Ready Filled Sets. Each.....\$0.50  
Dozen Sets ..... 4.00

## CYANOGLAS—ANT KILLER

Does not rely on feeding habits of the ants. It kills them with gas. The spouted 4-oz. can (enough to kill a million ants) is especially designed for treating ant nests in gardens and lawns. 4-oz.....\$0.50 Dozen.....\$3.60

## CYANOGLAS "A"—Dust

Kills Rats, Moles, Soil Insects, and Rodents. Very effective and economical to use. It's the gas that kills 'em.

1 lb. ....\$ 1.25 5 lbs. ....\$ 4.25  
25 lbs. .... 13.75 100 lbs. .... 31.00

## D-CON

### Rat and Mouse Killer

Contains WARFARIN with Lurex. Wipes out rat colonies completely as rats do not become bait shy.

D-Con Concentrate, 8 oz. makes 6 lbs. of bait.  
8 oz.....\$2.98 Dozen.....\$24.00

D-Con Ready Mix. For rats and mice.  
1 lb.....\$1.69 Dozen.....\$13.56  
5 lbs..... 5.95 Case of 6..... 23.80

D-Con Mouse-Prufe. For mice.  
4 oz.....\$ .89 Dozen.....\$7.20

## DOGZOFF

Protection against all animals. Spray on lawn or around objects to be protected. Lasts a long time.



3 oz. bottle.....\$0.75 Dozen...\$ 5.40  
12 oz. aerosol bomb... 2.25 Dozen... 16.20

## GOPHER CONTROL Poison Grain

For Gophers, Rabbits, Squirrels, etc.

12 oz. ....35c

## POISON WHEAT

To control Mice, 12½-oz. package.....15c

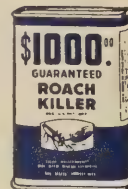
1 lb.....50c 10 lbs.....\$3.25

## ROACH KILLER

Kills Roaches and Water Bugs that eat it, yet it acts very slowly. They will linger on for several days before dying, during which time they carry to their young such powder as may adhere to their bodies.

Small—4-oz. can .....\$0.35

Large—20-oz. can ..... 1.25



## RODENT REPELLENT "Peter Rabbit"

This copper soap formulation will prevent rabbits and other rodents from girdling trees and eating shrubs. Does not wash off or lose its repellent qualities.

Pint .....\$ .85 Dozen .....\$ 6.80

Quart ..... 1.50 Dozen ..... 12.00

Gallon ..... 4.50 Case of 4..... 12.00

# WEED KILLERS

## WEED-NO-MORE—2, 4-D

Kills ugly broad-leaf weeds but will not harm common lawn grasses. Harmless to animals and humans—won't injure the soil—neither will it stain hands or clothing. Half-pint size will treat an area of 1600 square feet. Quart size will treat 6400 square feet.

½ pint. Each....\$1.00 Dozen .....\$ 7.20

Quart. Each .... 2.98 Case of 6..... 10.74

## DOW 2, 4-D WEED KILLER

Formula 40

1 gal.....\$4.80 5 gal.....\$22.95

## WEED-A-BOMB

Contains 2, 4-D in handy push-button bomb. Best for spot applications. Kills broadleaved weeds without harming lawn grasses. 1620 shots in each bomb.

11 oz. bomb....\$1.35 Case of 12.....\$14.32

## HERBICIDE

### A COMPLETE WEED KILLER

A powerful and economical chemical for destroying weeds and grass on paths, driveways, cobble gutters, tennis courts, etc. Poisonous to animals.

1 quart .....\$0.75 Dozen .....\$6.90

1 gallon ..... 2.00 5 gallons ..... 7.00

## CRABGRASS

### Crab Grass Killer

Contains Potassium Cyanate. Kills crabgrass in the seedling or mature stage without permanent injury to lawn grass.

6 oz.....\$1.00 Case of 12.....\$ 7.20

1 lb..... 2.50 Case of 6..... 9.00

5 lb..... 8.95 Case of 4..... 21.60

### CRABGRASS plus 2, 4-D

Kills Crabgrass and Broadleaf Weeds.

Prices same as above.

## TAT C-LECT

### Crab Grass Killer

Contains the new chemical PMAS, which kills crab grass seedlings and mature plants, and retards seed germination. Does not injure common lawn grasses.

### 1.75% TAT C-LECT

8 oz. Each.....\$ 1.00

Carton of 24 ..... 14.40

## TAT C-LECT FORTIFIED

### With 2, 4-D

Kills common lawn weeds as well as crabgrass.

8 oz.....\$1.00 Ctn. of 24.....\$14.40

## AEROIL NO. 99 WEED BURNER

The 2000° flame of the Aeroil No. 99 Burner kills the growth and seeds instantly, and by proper handling even the roots can be killed off forever. This burner uses the cheapest fuel you have available: kerosene, gasoline, range oil, light furnace oil.

FLAME GUN COMPLETE.....\$22.00

Shipping weight 23 lbs.

## CRAG HERBICIDE 1

Kills weed seeds as they germinate. Recommended especially for strawberries, asparagus, sweet corn, gladiolas. Simply spray over soil surface. 4 oz. treats 3000 sq. ft.

CRAG Herbicide 1 is being used experimentally in established deep rooted annual, biennial and perennial row crops. Established Nursery stock such as Arbor Vitae, Spirea, Deutzia, Ligustrum, Roses, Fruit Tree Seedlings, Lilies, Tulips, Narcissus, Iris, Dahlias.

4 oz. ....\$1.50 Case of 12.....\$10.80

2 lb. .... 4.50 50 lb. .... 87.50

## NIX—Good-rite

A water-soluble weed killer that destroys whatever soft, succulent vegetation that it wets. Effective on both grasses and broad-leaf weeds when small. By directing the spray, NIX can be used to eliminate small weeds from between growing crops.

1 gal...\$3.96 5 gals...\$22.25 45 gals...\$155.25

## OKTONE—Good-rite

A fast-acting weed killer which kills most vegetation on which it is sprayed but does not kill underground parts of plants, seeds or bulbs in the soil. Mix with oil as directed. A safe pre- and post-emergence weed control, and valuable for clean-up of walks and under benches.

1 gal...\$6.35 5 gals...\$31.50 55 gals...\$326.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## PACKAGED GOODS FOR RESALE

### INSECTICIDES

#### AIROSOL BOMBS

##### ANTROL ROSE BOMB

12 oz. \$1.49 size. Case of 12.....\$11.92

##### ANTROL AFRICAN VIOLET BOMB

6 oz. 89c size. Case of 12.....\$7.12

##### SPRAYWAY HOUSE PLANT BOMB

10 oz. \$1.49 size. Case of 12.....\$10.80

##### FLY AND INSECT BOMB

12 oz. \$1.29 size. Case of 12.....\$10.00

##### ANTROL ANT AND ROACH BOMB

12 oz. \$1.39 size. Case of 12.....\$11.12

##### WEED-A-BOMB

11 oz. \$1.79 size. Case of 12.....\$14.32

#### ALL-ROUND DUST—Acme

8 oz. Pump Gun. 80c size. Case of 24....\$12.80

#### ALL-ROUND SPRAY—Acme

1 lb. \$1.10 size. Case of 12.....\$8.80

#### ANT KILLER—"Jones"

½ oz. 15c size. Case of 1 dozen.....\$1.08

2 oz. 25c size. Case of 1 dozen..... 1.80

#### ANTROL READY-FILLED SETS—For Ants

50c size. Dozen complete sets.....\$4.00

#### ARSENATE OF LEAD

1-lb. cartons. 69c size. Ctn. of 24.....\$11.04

4 lb. bags. \$1.80 size. Case of 12..... 14.16

#### BLACK LEAF 40

1-oz. 39c size. Ctn. of 24.....\$ 6.24

5-oz. \$1.19 size. Dozen..... 9.52

1-lb. \$2.69 size. Case of 6..... 10.76

2-lb. \$4.79 size. Case of 6..... 19.16

#### BORDEAUX MIXTURE

1-lb. cartons. 53c size. Case of 24.....\$ 8.48

4-lb. bags. \$1.45 size. Case of 12..... 11.60

#### CARTRIDGES—For "Arnold" Sprayer

DDT Spray, Arsen-O-Spray, Pyr-O-Spray, Rot-O-Spray, Funguspray, Sulph-O-Spray, Nic-O-Spray, Weed-O-Spray.

45c size. Per dozen.....\$3.20

#### CHLORDANE—40% Wettable

1-lb. bag. \$1.50 size. Dozen.....\$12.00

#### CHLORDANE—6% Dust

1-lb. sifters. 60c size. Case of 24.....\$ 9.60

4-lb. bag. \$1.50 size. Case of 12..... 12.00

#### CYANOGEN "A"

4-oz. 50c size. Dozen.....\$3.60

1-lb. \$1.25 size. Dozen..... 9.00

#### D-CON RAT KILLER

1 lb. Ready Mix. \$1.69 size. Dozen.....\$13.56

8 oz. Concentrate. \$2.98 size. Dozen.... 24.00

4 oz. Mouse-Prufe. 89c size. Dozen..... 7.20

#### DIMITE

2 oz. 69c size. Case of 12.....\$5.52

#### DOGZOFF

3-oz. bottle. 75c size. Dozen.....\$ 5.40

12-oz. bomb. \$2.25 size. Dozen..... 16.20

#### DDT—5% Dust

5-lb. bag. \$1.50 size. Dozen.....\$11.52

#### DDT—50% Wettable

1-lb. 75c size. Ctn. of 24.....\$12.00

### EVERGREEN GARDEN SPRAY

1-oz. 35c size. Dozen.....\$ 2.80

6-oz. \$1.15 size. Dozen..... 9.25

Pint \$2.45 size. Dozen..... 20.90

### GARDEN GUARD

1-lb. sifter cans, 50c size. Ctn. of 24.....\$8.00

4-lb. bags. \$1.25 size. Dozen..... 9.00

### KAPSULATE

See Display listing on page 58.

### LIME SULPHUR—Dry

1-lb. tins. 67c size. Ctn. of 24.....\$10.62

### LINDANE 5% SPRAY

4 oz. 75c size. Case of 12.....\$ 6.00

Pint. \$2.40 size. Case of 12..... 19.20

### POISON WHEAT

15c size. Dozen.....\$1.35

### RED ARROW SPRAY

1-oz. 35c size. Dozen.....\$2.70

4-oz. \$1.00 size. Dozen..... 8.00

### ROACH KILLER—"S1000"

4-oz. Can. 35c size. Dozen.....\$2.70

### RODENT REPELLENT—"Peter Rabbit"

Pint. 85c size. Dozen.....\$ 6.80

Quart. \$1.50 size. Dozen..... 12.00

### SLUG SHOT POWDER

1-lb. 50c size. Ctn. of 24.....\$ 7.20

5-lb. \$1.95 size. Dozen..... 14.04

### SNAROL MEAL OR PELLETS

1-lb. 50c size. Dozen.....\$4.00

2½-lb. \$1.00 size. Dozen..... 8.00

### SNAROL CUTWORM BAIT

1-lb. 50c size. Case of 12.....\$4.00

2½-lb. \$1.00 size. Case of 12..... 8.00

### SULPHUR—Wettable or Dusting

2-lb. sifter cans. 60c size. Ctn. of 12.....\$4.80

### TOMATO DUST

1-lb. 60c size. Case of 24.....\$ 9.60

4-lb. \$1.50 size. Case of 12..... 12.00

### "TREE TANGLEFOOT"

6 oz. 90c size. Case of 12.....\$ 7.20

1 lb. \$1.50 size. Case of 12..... 12.00

5 lb. \$7.00 size. Case of 6..... 28.00

### TRI-GEN DUST

1-lb., \$1.19 size. Carton of 24.....\$19.04

5-lb., \$5.00 size. Carton of 12..... 40.00

### TRI-GEN SPRAY

E Kits—\$1.50 size. 24 for.....\$24.00

A Kits—\$2.35 size. 12 for..... 18.80

B Kits—\$6.00 size. 6 for..... 24.00

C Kits—\$9.00 size. 4 for..... 24.00

D Kits—\$30.00 size. 3 for..... 60.00

### VAPOTONE GARDEN SPRAY

4-oz. \$1.00 size. Case of 24.....\$16.00

Pint. \$2.75 size. Case of 12..... 22.00

### VOLCK

4-oz. 35c size. Ctn. of 24.....\$5.60

Pint. 70c size. Dozen..... 5.60

### WEED KILLERS

#### HERBICIDE

Quart. \$1.00 size. Dozen.....\$6.90

Gallon. \$2.50 size. Case of 4..... 5.95

#### WEED-NO-MORE

½ pint. \$1.00 size. Ctn. of 12.....\$ 7.20

Quart. \$2.98 size. 6 for..... 10.74

#### WEED-A-BOMB

11 oz. bomb. \$1.79 size. Case of 12.....\$14.32

#### TAT C-LECT—CRAB GRASS KILLER

8-oz. \$1.00 size. Ctn. of 24.....\$14.40

#### CRABGRAXX

6-oz. \$1.00 size. Ctn. of 12.....\$7.20

1-lb. \$2.50 size. Ctn. of 6..... 9.00

#### CRABGRAXX with 2, 4-D

6-oz. \$1.00 size. Ctn. of 12.....\$7.20

1-lb. \$2.50 size. Ctn. of 6..... 9.00

#### CRAG HERBICIDE-1

4-oz. \$1.50 size. Ctn. of 12.....\$10.80

### PLANT FOODS

#### FOLIUM

2 oz. 25c size. Ctn. of 24.....\$ 4.00

1 lb. \$1.25 size. Ctn. of 12..... 10.00

5 lb. \$4.50 size. Case of 6..... 18.00

#### HYPONEX

1-oz. 10c size. Ctn. of 72.....\$4.80

3-oz. 25c size. Ctn. of 36..... 6.00

7-oz. 50c size. Ctn. of 24..... 8.00

1-lb. \$1.00 size. Ctn. of 12..... 8.00

#### NEW PLANT LIFE

3-oz. 29c size. Ctn. of 24.....\$ 4.64

8-oz. 59c size. Ctn. of 24..... 9.44

Pint. 98c size. Ctn. of 12..... 7.84

Quart. \$1.65 size. Ctn. of 6..... 6.60

#### PLANTABS

30 Tablets. 25c size. Dozen.....\$2.00

75 Tablets. 50c size. Dozen..... 4.00

#### KAPCO SOLUBLE FERTILIZER

7 oz. 49c size. Case of 24.....\$7.20

20 oz. \$1.00 size. Case of 12..... 7.20

#### KAPCO AZALEA ACID FERTILIZER

20 oz. \$1.00 size. Case of 12.....\$7.20

#### TRIOGEN ROSE FOOD

5-lb. \$1.00 size. Case of 12.....\$7.20

10-lb. \$1.70 size. Case of 6..... 6.12

### SOIL CONDITIONERS

#### KRILIUM

2-oz. 29c size. Ctn. of 24.....\$ 4.64

1-lb. \$1.39 size. Ctn. of 12..... 11.12

5-lb. \$4.95 size. Case of 6..... 19.80

#### TERRA-LITE VERMICULITE

4-qt. 39c size. Case of 12.....\$2.94

½ bushel. 85c size. Case of 6..... 3.18

### POTTING SOIL

1½-lb. bag. 20c size. Case of 24.....\$3.21

4-lb. bag. 39c size. Case of 12..... 3.68

#### AFRICAN VIOLET SOIL

1½-lb. bag. 20c size. Case of 24.....\$3.21

4-lb. bag. 39c size. Case of 12..... 3.68

#### PEAT HUMUS

1-lb. bag. 20c size. Case of 24.....\$3.21

3-lb. bag. 39c size. Case of 12..... 3.68



## INSECTICIDE SPRAYERS

### PUMP TANK SPRAYERS



#### Smith—"Banner"

Finest quality compressed air sprayer. Heavy corrugated galvanized tank with electrically welded seams. Complete with non-clog nozzle, 24" brass extension, shut-off, and carrying strap. Capacity 4 gals.

No. 22G0. Each. . . . \$12.50  
Wt. 12 lbs.

NOT AVAILABLE

#### MYERS—"PESTOP"

Tank of heavy galvanized steel with welded seams. Tested to 100 lbs. pressure. Complete with brass extension, shut-off, 45° nozzle, and carrying strap.



No. 2350T. 3½ gal. Open Top. Wt. 10 lbs.  
Each. . . . \$9.50    3 for. . . . \$25.95

No. 2225. 2¼ gal. Funnel Top. Wt. 6½ lbs.  
Each. . . . \$5.95    3 for. . . . \$15.60

NOT AVAILABLE

### CARTRIDGE SPRAYER—"Arnold"

The easy way to spray. Just insert cartridge of desired insecticide in sprayer and attach to garden hose. Chrome sprayer.

Each. . . . \$4.35

Cartridges—DDT Spray, Arsen-O-Spray, Pyr-O-Spray, Rot-O-Spray, Funguspray, Sulph-O-Spray, Nic-O-Spray, Weed-O-Spray.

Each. . . . \$0.45    Dozen. . . . \$4.80

### Discharge Equipment for Compressed Air Sprayers



Includes shut-off cock, 18" extension, nozzle, and 27 inches of hose.

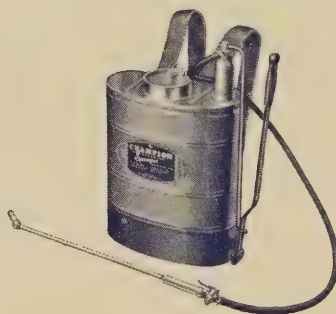
Complete. . . . \$4.25

#### SHUT-OFF COCK Model 6045A



Has been carefully designed. Every body and plug is ground to a perfect seat, insuring leak-proof lasting performance. Threaded with ¼" standard pipe thread. Brass.  
Each. . . . \$2.75

### "CHAMPION" SPRAYERS



The most powerful portable sprayer ever designed. Maintains a continuous spray. Adjustable brass nozzle permits either a fine mist or a 35-foot stream. Light weight. 5 gallon capacity.

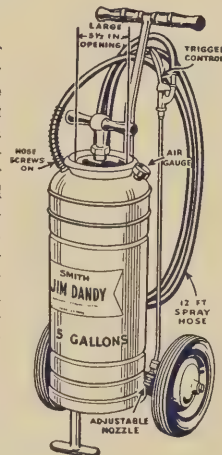
No. 1. Brass. Each. . . . \$31.80  
Shipping weight, 16 lbs.

NOT AVAILABLE

### CART SPRAYER "Jim Dandy"

A new type sprayer that serves many purposes. Its ease of handling makes it perfect for the green house, farm or garden. Can be used for insecticides, weed killers, or with water for fighting fires, washing automobiles, etc. Has balloon tire wheels and roller bearing, galvanized steel open-head 5-gallon tank, adjustable nozzle and shut-off, and 12 ft. of spray hose.

Cart Sprayer, complete. . . . \$33.50  
Wt. 35 lbs.



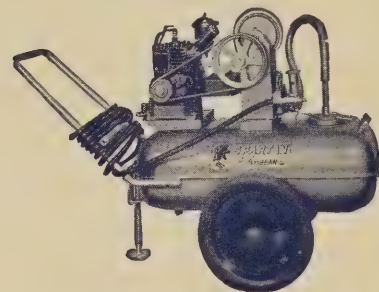
NOT AVAILABLE

### AIROSPRAYER



All-purpose sprayer. No tank necessary—just drop hose in bucket of spray material and pump. Spray adjustable to fine mist or 35-foot stream. For spraying with insecticides, white washing or fighting fires. Heavy gauge brass.  
Each. . . . \$7.25

### POWER SPRAYERS BEAN "Spartan"



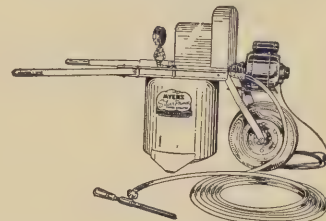
A rugged dependable sprayer that delivers the right pressure for every job. Pressure, 200 lbs. Capacity, 3 gallons per minute. Tank, 15 gals. Width, 20 inches. Complete with 25 ft. hose and Defender spray gun.

Model 3. With gasoline engine. . . . \$212.50

Model 3M. With ½ H.P. Electric Motor. . . 218.50

Defender Spray Gun, only. . . . 6.05

### MYERS "Silver Prince"

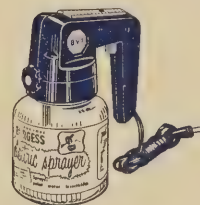


A compact, convenient greenhouse sprayer that provides high-pressure spraying at remarkably low cost. Perfectly balanced, easy to handle. Pressure, 225 lbs. Capacity 2 gallons per minute. Tank, 12½ gals. Width 16 inches. Complete with 15 ft. hose and spray gun.

No. 4502—MR. With ½ H.P. Electric Motor. . . . \$189.20

No. 4502—ER. With ¾ H.P. Gasoline Engine. . . . \$181.20

### Burgess Vibro-Sprayer



#### De Luxe Electric Sprayer

An all-purpose sprayer for spraying insecticides, waxes, water or oil paints.

Equipped with new multi-vein spinner nozzle, non-clog pump and coordinated spray adjuster. Instant disassembly of nozzle and pump for quick, easy cleaning. NON-CORROSIVE. Weighs only 2½ lbs. Quart size, 110 volt, 60 cycle.

Each. . . . \$7.75    3 for. . . . \$21.90

NOT AVAILABLE

### TRI-SODIUM PHOSPHATE

Used for washing and cleaning out sprayers. Be sure to rinse thoroughly to avoid corrosion of the metal. Use 2 tablespoons to 1 gallon of water, or 3 lbs. to 100 gallons of water.

5 lbs. . . . \$1.25    10 lbs. . . . \$2.00  
25 lbs. . . . 3.50    50 lbs. . . . 5.75  
100 lbs. . . . 9.75

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

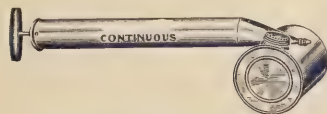


## SPRAY HOSE AND EQUIPMENT

### HAND PUMP SPRAYERS "Blizzard"



No. 14-Q. Capacity 1 quart. Each.....\$ 4.65  
3 for.....\$12.60 6 for..... 23.52  
TWIN NOZZLES for Straight or Angle Spraying.



#### SMITH "Continuous"

Capacity—1 quart. Galvanized.  
No. 10-G. Each.....\$ 1.65  
6 for.....\$9.30 Dozen..... 17.70

#### SMITH "Single Action"

Capacity—1 quart. Galvanized.  
No. 3-G. Each.....\$ 1.00  
6 for.....\$5.50 Dozen.....\$10.08

### CENTRO SPRAY

With Two Sprayheads  
For Sprinkling Water or Dusting Powder



Either head can be used on curved extension or directly on bulb. Gives fine spray or solid stream.

8 oz. Each.....\$ 1.00  
6 for.....\$5.50 Dozen.....10.00

### SCOLLAY SPRAY BULB

Finest quality red rubber.  
8 oz.  
Each.....\$1.50



### BRONX SPRAY BOTTLE

Throws powerful, broad mist spray with slow, easy pump stroke.

Pint size:  
Each....\$1.95 6 for....\$ 9.60  
Quart size:  
Each.... 2.10 6 for.... 10.50

### HIGH PRESSURE HOSE Spray Hose—"Milo"—2 Braid Rayon fabric for added strength. High Pressure—600 lbs.



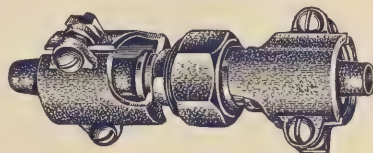
1/2" 3-braid—Uncoupled. Per ft.....50c  
3/8" 2-braid—Uncoupled. Per ft.....42c

### Insecticide Sprayer Hose—"Vigo" 100 lbs. Pressure—1 Braid



Single braid, black, smooth.  
3/8" Uncoupled. Per ft.....23c

### HIGH PRESSURE HOSE COUPLINGS



Heavy brass tailpieces and clamps. Impossible for hose to blow off or pull off.  
Connection size 3/4". Hose thread.  
Weight 1 lb.

End	Hose Size	Price
Female—3/8" or 1/2". With clamp.....		\$1.45
Male—3/8" or 1/2". With clamp.....		1.25
Complete Set—3/8" or 1/2".....		2.50
Clamps only. 3/8" or 1/2". Each.....		.65

Connection size 1/4". Iron Pipe Thread.



Male End, 3/8". With clamp.....\$1.45  
Male End, 1/2". With clamp..... 1.45

### BRASS EXTENSIONS FOR SPRAYERS

18-inch. Each.....\$1.20  
34-inch. Each..... 1.45

### ADJUSTABLE NOZZLE No. 147



Throws broad fog mist, or long distance spray for trees. 1/4" pipe connection.

No. 147. Each.....\$1.50

### IMPORTANT!

#### Minimum Order Charge

Because of the high cost of labor and packing materials, it is necessary for us to make a SERVICE CHARGE of \$1.00 on all orders under \$5.00. Please include in your orders some additional items to make your order a minimum of \$5.00 and avoid the extra service charge.

Also, be sure to include sufficient postage for small shipments. See table on page 96.

### SHUT OFF COCKS, LEVER Myers

For compressed air sprayers—Wt. 3/4 lbs.

No. 7538A. With Fembo 45° nozzle. Each..\$2.70

No. 5386A. Lever only. Each.....\$1.60

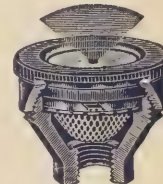


### SPRAY NOZZLES—Myers

#### Jumbo Nozzles

Large size. With holes drilled in whirler and with cone strainer. Delivers a very broad, fine spray with good carrying qualities.

Straight—Wt. 6 oz.  
No. 7535B. Each....\$1.95  
45 degree—Wt. 6 oz.  
No. 7536B. Each....\$2.15



Straight

#### Fembo Nozzles

Standard used on hand pump, wheelbarrow type and the smaller sized power sprayers, spray booms, etc. All brass, stainless steel discs and cone screen strainer.  
Straight—Wt. 4 oz.

No. 6253A. Each...\$1.30

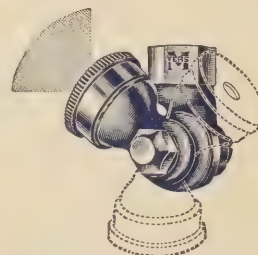
No. 5741A. 45 degree—Wt. 4 oz. Each...\$1.45



45° Angle

Adjustable Nozzle will deliver the spray in any direction clear around the circle.

Wt. 5 oz.  
No. 7519A.  
Each.....\$2.45



### GRADUATING NOZZLE

The Spray may be graduated from a fine mist up to a solid spray carrying the stream a greater distance.

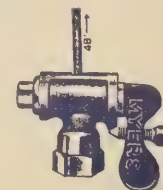
No. 6690A. Each.....\$1.50



### BORDEAUX NOZZLE No. 5424A

Will throw a fine fan-shaped spray or a solid stream or may be shut off altogether.

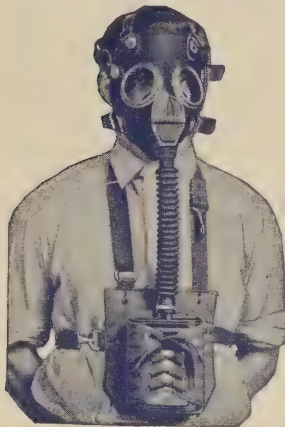
Recommended for white-washing.  
No. 5424A. Wt. 6 oz.  
Each.....\$2.15





# RESPIRATORS AND RUBBER CLOTHING

## GAS MASK—"Burrell Industrial"



For complete protection against individual gases or a combination of gases, smokes, vapors and dusts—carbon monoxide and illuminating gases excepted. U. S. Bureau of Mines Approved. Each different gas or poison requires a special canister filter.

When ordering, kindly mention what poison or gas you will use the mask for. Complete with knapsack and carrying case. Wt. 8 lbs.

Each .....\$32.00  
CANISTERS. Each ..... 3.95  
For Formaldehyde or Nicotine, No. GMA-Black.  
For Cyanogas, No. GMK-White.  
For Organic Vapors and Acid Gases, No. GMC—Yellow. Including Vaportone and Aerosol Bombs.

## GAS MASK—Junior

Full face covering gas mask with approved GMC-1 canister—No knapsack or carrying case. Designed for use with Aerosol bombs.

Each .....\$8.00

## RUBBER HOOD

For use with gas masks to completely cover head and shoulders while spraying or using aerosols containing Parathion or TEPP.

Each .....\$8.50

## COSMATA

### Friction Cream Soap



Sold regularly for \$1.00  
Large jar

Now specially priced  
at .....59c

### FOR RESALE

Case of 12 jars..\$6.32

COSMATA is a revolutionary new soap that brings new joy to hard-working hands. It's the answer to a florist's and gardener's prayer for a soap that cleans quickly, completely, safely. Yes! COSMATA does all three and much more... it gets the deep-down dirt, grime, and grease OUT as well as OFF... erases stains of vegetables, plant sprays, oil paint and ink... banishes unpleasant odors... removes as much as 85% of germs and bacteria from the skin.

## DUST RESPIRATOR "Comfo"



For DUSTS and MISTS. Outstanding efficiency in dust protection with utmost comfort to the wearer.

No. CR-44777.  
Each .....\$4.25  
EXTRA FILTER DISCS.

No. CR-17393.  
Package of 10 .....\$0.50

## CHEMICAL RESPIRATOR "Twin Cartridge"

Absorbs nicotine or tobacco fumes, also paint fumes or any organic vapor fumes. U. S. Bureau of Mines Approved.

No. CR-44158.  
Chemical Respirator.  
Each ..\$6.50  
CARTRIDGE REFILLS.  
No. CR-44135.  
2 for...\$1.50



## RUBBER CLOTHING Coats:

Light weight, yet tough. Buckle fasteners. Corduroy edged collar. Patch pockets with flaps. Eyelet ventilation under arms. Double ventilated back. Vent in skirt. Length 50 inches.

Sizes 36, 38, 40, 42.  
Coats Each .....\$11.25



## Hats:

Soft and light weight, yet durable and absolutely waterproof—seams vulcanized.

Sizes 6½ to 7¾.  
Each .....\$2.00

## RUBBER BOOTS

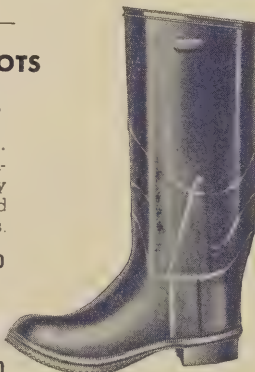
### Boots—Knee

Sizes 7, 8, 9, 10. Very finest quality. Extra heavy soles. Reinforced toes and heels.

Per pair...\$7.00

### Hip Boots

Per pair..\$11.50



## APRONS—Plastic

Soft and light, yet durable. A new plastic material that is three times thicker than the average. Will stand below zero temperature without cracking and will outwear rubber. Suitable for heavy greenhouse work or in the retail shop. Sewn with nylon. Complete with neckband and wraparound waistband that ties in front.

45" long. Each.....\$2.25

## APRONS—Rubber

### Heavy Greenhouse Apron

Soft and pliable, yet tough and durable. 45" long. Each .....\$3.25

### Light Weight Rubber Apron

For workroom, store or house. To keep clothes clean and dry. Complete with neck and waist bands. 35" long. Each.....\$1.65

## APRONS—Snap-On

Short aprons that snap around waist. Fine for florist shop or grading bench work.

RUBBER. Each .....\$1.65

## GLOVES—Rubber Coated Fabric



Will not snag or tear. Medium weight. Waterproof. Very strong. Rubber Palm. Ventilated Back.

Gloves. Per pair.....\$1.00  
Men's Gauntlets. Per pair..... 1.25

## LADIES GARDEN GLOVES "Gard'nettes"



Watertight, vinyl plastic-coated, knit lined. Smartly styled to fit the fingers. Attractively finished in two tones of garden green. Actually outwears leather.

Eye-catching display carton holds six pair. Sizes: Small, Medium, Large. Assorted carton contains 1 small, 3 medium, 2 large.

Per pair .....\$1.25  
Carton of six pair..... 6.80

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## HOSE AND DUSTERS

### HOSE—Rubber



#### Greenhouse Special

"DURO"—Very finest grade, natural rubber hose, especially designed for greenhouse use. Very flexible.

2-braid—Heavy duty, high pressure.

3/4"—Uncoupled. Per ft.....\$ 0.49

Coupled with long-shank florist couplings:

25 ft.....\$13.95    50 ft.....\$25.75

#### Greenhouse Regular

Good grade synthetic rubber greenhouse hose. Black, corrugated, 2-braid.

3/4". Uncoupled. Per ft.....\$ 0.27

50-ft. Coupled ..... 14.25

#### Rubber Garden Hose

"SIGNAL"—B. F. Goodrich product. An outstanding value in low priced garden hose. One-ply rayon reinforcement. 5/8". Black. 3/4" couplings.

25 ft.....\$2.89    Case of 5.....\$13.15

50 ft..... 5.10    Case of 5..... 23.20

#### FEATHER-LITE PLASTIC HOSE



Tough, yet pliable. Full-flow "pull proof" couplings of heavy brass. High bursting pressure, long life. Green color.

#### 1/2" Garden Hose

25 ft. length (\$4.50 retail). Each.....\$ 3.15

Case of 6..... 18.00

50 ft. length (\$8.00 retail). Each..... 5.60

Case of 6..... 32.00

# Koroseal

Trade Mark Reg. U. S. Pat. Off.

B. F. Goodrich's tough, durable, top-selling plastic hose. Fast-flow, flexible, light-weight. Handles pressures up to 50 lbs. Green.

#### 1/2" Garden Hose

25 ft. cpld. (\$5.75 retail)... Each \$4.17    Case of 5 \$19.80

50 ft. cpld. (\$9.80 retail)... 7.11    33.75

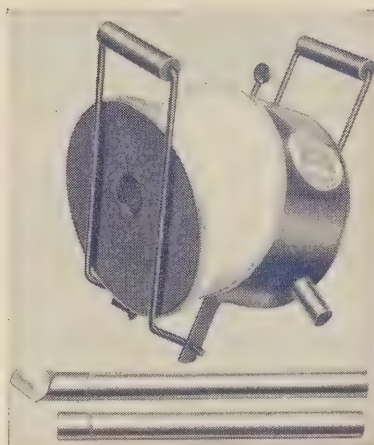
#### 3/4" Growers Hose

25 ft. cpld. Each.....\$ 8.75

50 ft. cpld. Each..... 15.75

HOSE FITTINGS AND SPRINKLERS will be found on pages 66 and 67.

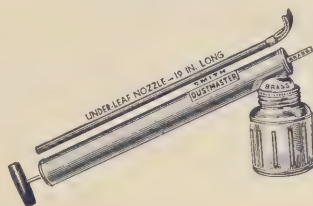
### HAND DUSTER Bellows Type



A sturdy duster of practical design, light in weight, and easy to operate. Powerful pressure and air jet agitation keeps powder continuously mixed. Capacity, 8 lbs. All parts are enclosed and the steel tank is lead coated for long life. Stout bellows are of genuine leather.

Complete as shown. Each.....\$8.75

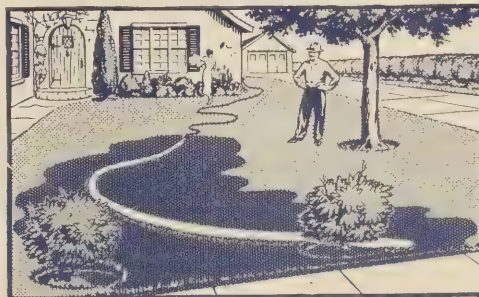
#### "DUSTMASTER"



Hand pump type with Glass Jar Container and 12 inch extension.

No. 36D. Each.....\$1.60    Dozen.....\$17.82

### SOIL SOAKERS



Special porous canvas hose soaks soil deeply and uniformly without spray and without waste.

Descriptive circular sent on request.

No. 0—12 ft.....\$1.20    18 for.....\$19.44

No. 1—18 ft..... 1.60    12 for..... 17.28

No. 2—30 ft..... 2.50    12 for..... 26.64

No. 3—50 ft..... 4.00    6 for..... 21.60

#### Dealer Special

2 No. 0    4 No. 2 (Retail \$40.00)

4 No. 1    2 No. 3 (Dealer Price): \$24.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

### Root "DE LUXE" Crank Duster



The last word in hand crank dusters. Bronze gears, ball bearings. All working parts packed in grease. Perfect balance, easy to carry and operate.

Complete, including all parts as above.

Model C-3. Each.....\$29.60

Shipping Weight—Each 16 lbs.

NOT MAILABLE

### HAND DUST GUNS



#### "Junior" DUST Gun—No. P-1

Stoutly made for long service. Easy to fill and operate. Holds 1/2 lb. of dust per filling.

No. P-1—Wt. 3 lbs. Each.....\$2.00

6 for.....\$10.40    Dozen.....\$19.80

#### "Jumbo" DUST Gun—No. P-2

A larger hand gun with special filling device. Holds 1 lb. of dust per filling. Rugged construction for long life.

No. P-2—Wt. 4 lbs. Each.....\$3.00

6 for.....\$14.50    Dozen.....\$27.84

### SUPLEX FLEXIBLE SPRINKLER



High strength vinyl plastic flexible sprinkler hose that waters any shaped area up to 50 ft. x 20 ft. at one time. Unique triple-tube design insures sprinkler lying flat. Wire reel supplied with each sprinkler.

No. 600. 25 ft. Each...\$3.00    12 for...\$31.84

No. 1000. 50 ft. Each... 4.50    6 for... 23.92



## HOSE EQUIPMENT

### HOSE MENDERS—Clincher Type



	Ea.	Doz.
1/2".....	14c	\$1.36
5/8".....	14c	1.36
3/4".....	14c	1.36
1".....	40c	3.98

### HOSE CLAMPS—Bull Dog

1/2", 5/8" and 3/4".  
Wrought Brass.  
Per dozen ....\$0.90  
Per gross .... 8.48  
Steel. For 1" hose.  
Per dozen ....\$1.00  
Per gross .... 9.28



### HOSE COUPLINGS—Clincher Type



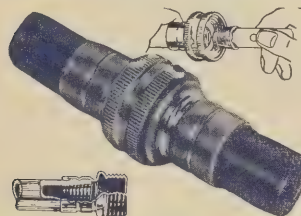
	Brass. 1/2", 5/8" and 3/4".
Clincher Type—Male and Female.	
	Stamped Brass
Per set .....	\$ .35
Dozen .....	3.40
	Stamped Brass. For 1" hose.
Per set .....	\$1.00
Dozen .....	9.80

### FLORIST COUPLING



Full Flow, Long Shank, 3/4". No. 4449.  
Each.....\$1.90 Dozen.....\$17.20

### COUPLING FOR PLASTIC HOSE



A re-usable coupling for repairing 1/2-inch plastic hose. Heavy, wrought brass with long expanding screws that fit inside the hose to hold it tightly against the outside part.  
No. 226. Per set.....\$0.65 Dozen.....\$6.40

### AUTOMATIC HOSE COUPLING "Quick Connector"



Handy brass automatic coupling. Slides on and off with great ease. A great labor saver.

STAMPED BRASS	Each	Dozen
Complete .....	\$1.00	\$8.00
Faucet end only.....	.35	2.85
Hose end only.....	.65	5.50

SOLID BRASS	Each	Dozen
Complete .....	\$1.25	\$10.00
Faucet end only.....	.85	6.80
Hose end only.....	.45	3.60

### WATER BREAKERS



#### The "400" Water Breaker

No. 400. Gives a large volume of water with very little pressure. 3/4 in. coupling.

Each .....	\$1.35
SKREENARE. For high pressure watering—50 lbs. and over. 3/4-in. coupling.	
Each .....	\$2.00

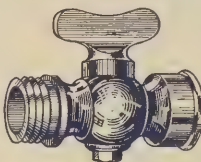
### "AQUAMATIC" SHUT-OFF



3/4" hose connection.

No. L-17—Complete as above.....	\$4.25
No. L-48—4" face (Fig. 74).....	1.00
No. L-18—Shut-off only (Fig. 70).....	3.35

### SHUT OFF CONNECTION



Use in hose line with sprinklers, sprays, nozzles, etc.

Solid brass. No. 1937.	
Each .....	\$ 2.25
Dozen .....	22.40

### HOSE WASHERS—Rubber

Very tough and durable.

3/4" Per dozen....	\$0.10
Per lb. ....	1.10
1" Per dozen....	.25
Per lb. ....	2.50

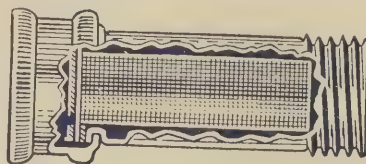


### KOROSEAL "LIFETIME" WASHERS

On counter cards displaying 36 Resale Cellophane Packages of 3 red 3/4" washers each.

Per card....\$2.30	Case of 12 cards..\$25.92
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### HOSE LINE FILTER—"Screen-flo"



Installed in the hose line at the sprinkling device, "Screen-flo" filters impurities without impairing water flow. Prevents clogging of plastic sprinkling soakers, sprinklers with gears, etc. Fine mesh screen easily removed and cleaned. 3/4" connection.

No. 199. Each.....	\$0.80
Dozen.....	\$7.84

### HOSE—Greenhouse and Garden

All types of water hose, both rubber and plastic, are listed on page 65.

### HOSE NOZZLES—Adjustable



All brass. 3/4" coupling.

No. 85. Each.....	\$ 1.25
6 for.....	\$6.60 Dozen..... 11.60

### FLAT SPRAY



Junior—No. 7047.

Stamped brass.

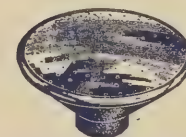
Deluxe—No. 7000.

Cast brass.

Junior. Each.....	\$0.60	Dozen.....\$ 5.60
Deluxe. Each.....	1.30	Dozen..... 12.00

### HOT HOUSE SPRINKLER

3/4" coupling.



Stamped Brass. No. 3604.

3-inch. Each.....	\$0.80	Dozen.....\$ 8.00
4-inch. Each.....	1.00	Dozen..... 10.40

### SEEDLING SPRINKLER WITH SHUT-OFF



A new type fine mist atomizer with finger-depressor shut off. Precision made. The last word in seedling sprinklers.

No. L-5-3. With 3/4" hose connection.

Each .....	\$4.00
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### PARADISE SYRINGE NOZZLE



10-inch. Each .....	\$3.60
18-inch. Each .....	4.25

### CLOVERLEAF BENCH NOZZLE

Screws into pipe line. Ideal for benches, frames, etc. Throws flat spray. Waters square. More uniform than circle. Space 3 ft. apart. 5/16" pipe thread.



Ea..\$0.25	25..\$5.00	100..\$17.50
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## ROOT IRRIGATOR

The modern way of sub-surface irrigating deep-rooted shrubs, evergreens and trees. Has 1/2-inch steel tube, 36 inches long, with brass shut-off and 3/4-inch swivel hose connection. **No. 7023.**

Each..\$4.00 6 for..\$20.00

## HOSE VALVES

Made of cast brass with leather disc.

Size of Inlet	Size of Outlet	Each	Doz.
3/4"	3/4"	\$1.50	\$16.00
1"	3/4"	3.00	32.00
1"	1"	3.00	32.00



## LEATHER WASHERS For Hose Valves

3/4" Each.....	4c	100.....	\$3.75
1" Each.....	4 1/2c	100.....	4.00



## GOOSENECK CONNECTION

Swings in any direction. Prevents kinking of hose. 3/4" connection. Cast brass.

**No. 84.** Each.....\$0.80  
Dozen ..... 8.00

## SIAMESE CONNECTION

Cast Brass

3/4" x 3/4" x 3/4"....	\$0.60
1" x 3/4" x 3/4".....	1.50
1" x 1" x 1".....	3.00



## SPRINKLING CANS

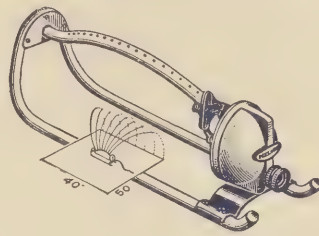


Very sturdy, but inexpensive sprinkling cans of galvanized steel. Drop handle permits easier handling under faucet as well as easier pouring.

No.	Capacity	Wt.	Each	Case of 4
No. 96.	6 qt.	2 1/2 lbs.	\$2.25	\$ 8.00
No. 98.	8 qt.	3 lbs.	2.50	8.80
No. 912.	12 qt.	4 lbs.	3.00	11.00

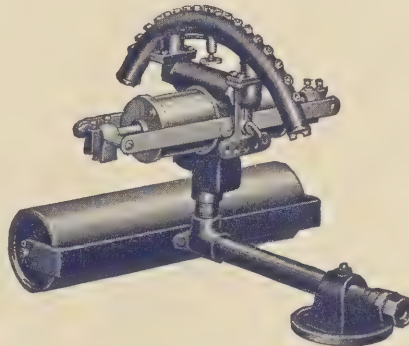
## LAWN SPRINKLERS

### "SWINGIN' SPRAY"—Melnor



America's No. 1 oscillating sprinkler, covers rectangular areas up to 2000 sq. ft. uniformly. Simple split-second adjustment for smaller areas. Made entirely of non-corrosive aluminum, zinc and brass with "Perma-sealed" motor unit. Works on normal city pressure. **No. 700.** Each.....\$8.50 6 for.....\$48.00

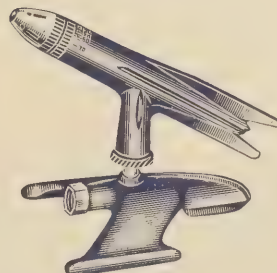
### "RAIN WAVE"—Skinner



A Heavy Duty Oscillating Sprinkler on a Roller Base. Covers up to 50' by 50' on ordinary city pressures. Equals 1" of rain in 6 hours.

**RAIN WAVE** .....\$42.50

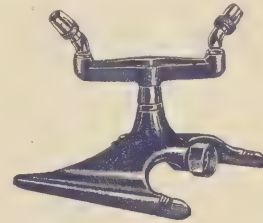
### "Rocket"



A practical rotary-type sprinkler for large lawns, parks, golf courses, etc. Covers an area 48 to 70 feet in diameter. **No. 7020-R.**

Each.....\$9.20 6 for.....\$48.00

**SOAKERS AND SOAKER SPRAYS**  
may be found on page 65.



### "Parkside"

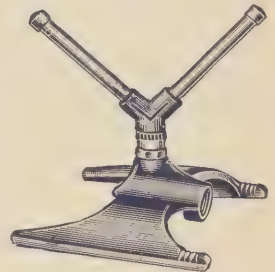
Revolving or stationary. Sprays or streams. Large to small areas. **No. 7003.**

Each ....\$ 4.75  
6 for ..... 23.80

### "711"

Water twists and swirls over medium-sized area. Chromium-plated brass arms. **No. 711.**

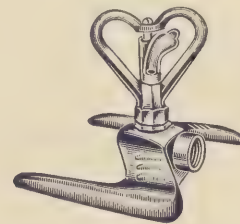
Each ....\$ 2.70  
6 for .... 13.40



### "Busy"

Distributes water evenly in a rain-like mist over a 35-foot circle. **No. 7014.**

Each .....\$ 2.00  
6 for ..... 10.00



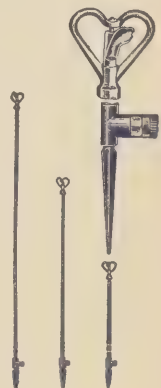
### "HARTFORD" SPIKE SPRINKLER

An old reliable sprinkler that gives a rain-like floating mist over a large area. Equipped with free-running, quiet "Ideal" head.

	Each	6 for
2 ft. ....	\$2.25	\$11.00
4 ft. ....	2.60	13.00
6 ft. ....	3.40	17.00

### "IDEAL" Sprinkler Head Only

3/8" pipe connection.  
Each .....\$ 1.00  
Dozen ..... 10.00



### DOUBLE SPIKE SPRINKLER

A simple but very popular sprinkler that throws a fine fan-shaped spray in a 20-ft. half circle. The two spikes hold it steady. **No. 4519.**

Each .....\$0.65  
6 for ..... 3.20



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## GLAZING MATERIALS

### GREENHOUSE PAINT

"A.F.S." Special White. A high grade paint made from a balanced formula for long life. Goes on WHITE and stays WHITE. One gallon covers 700 sq. ft.

Gallon .....\$ 5.85  
5 gallons ..... 28.75

Wt. 17 lbs. per gal.  
Not available.



### KUHLS "Elastic" Gun Putty Composition



The original Elastic Greenhouse Glazing composition does not crack, chip, crumble or peel, or become hard. One gal. covers approx. 250 lineal ft.  
1 gallon ....\$ 2.95  
5 gallon .... 14.25  
Wt. 16 lbs. per gal.  
Not available.

### GARLANITE—Glazing Putty

Gun grade. Keeps soft and pliable.

1 gallon....\$ 3.80

5 gallons.... 18.25

Weight: 16 lbs. per gallon.

Not available



### GLAZING GUN



Capacity 1½ pints —  
Model A. Each...\$4.75  
Capacity 2 pints —  
Model AA. Each...\$6.75  
Wt. 4 lbs.

### PUTTY BULB

For glazing or putty bulbing with liquid putty.

Each .....\$1.45  
Wt. 1 lb.



### Glass Cutters

"Trojan" roller type.



Each.....\$0.30      3 for.....\$0.75

### GLASS CLEANER—"Daybrite"

Apply with a brush, leave on a few minutes, then rinse off with cold water. It will leave the glass clean and free of grease and dirt. Daybrite will not injure paint or putty. One gallon will clean 600 square feet.

1-Gallon Jug—Wt. 17 lbs. Each.....\$2.35

## STOP DRY ROT AND MILDEW DAMAGE

No fungus or insects will live on Cuprinol-treated materials. Works like magic on benches, frames, stakes, etc. No toxic fumes and, therefore, harmless to plant growth. Eliminates termites.

### CUPRINOL 14—For Florists—Green

For general use in greenhouse. Contains 2% Copper by weight, meeting U.S. Navy Specifications for wood treatment. Gallon covers approx. 400 sq. ft. when brush applied. Especially handy for dipping flats and stakes.

5 gallons.....\$14.25      50 gallons.....\$119.25

### CUPRINOL 10—Extra Strength—Green

Recommend for brush application on permanent structures. Contains 3% Copper by weight—almost 50% stronger than other types of wood preservatives. Gallon covers approx. 400 sq. ft.

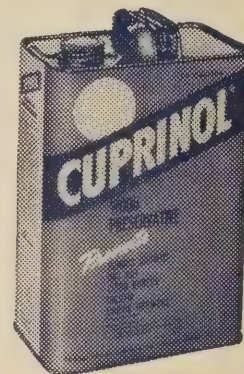
1 gal.....\$4.70      5 gals.....\$22.20      50 gals.....\$190.80

### CUPRINOL 20—Clear

Same as Cuprinol 10 except it is clear in color. Being used experimentally for dipping clay pots to prevent formation of algae on sides.

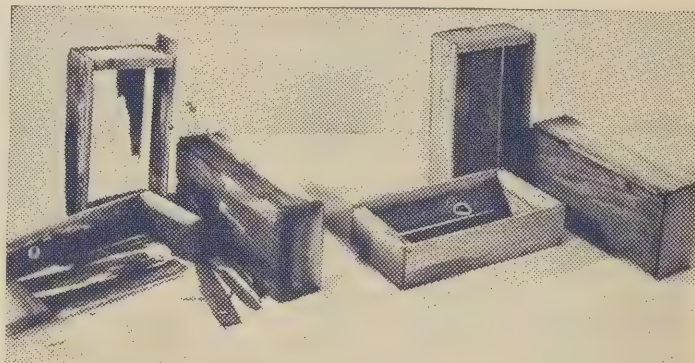
1 gal.....\$4.70      5 gals.....\$22.20      50 gals.....\$190.80

Shipping Wt. 10 lbs. per gallon



### A Striking Example

The untreated flats rotted almost to a powder. The others which had been given a quick dip in Cuprinol, were "as good as the day they were dipped." This is the report of a two-year test by a State Agricultural College.



### GLASS CLEANER—"Lite-ning"

This scientific glass cleaner, made by the Garland Co., works instantly, dissolving the hardest crust of dirt, grease, soot, scum, or shading. Clean glass allows 30% to 60% more light to pass through. Dissolve ½ to 1 pound of Lite-ning crystals in one gallon of water, brush on glass, then rinse off with water. Will not injure putty.

5 lb. ....\$ 6.75      10 lb. ....\$12.00  
25 lb. .... 27.50      100 lb. .... 90.00

### GLAZING POINTS—Straight

¾"—Approx. 1500 to 1-lb. box.

⅝"—Approx. 1000 to 1-lb. box.

Per 1-lb. box. Each.....\$0.80

5 or more boxes. Each..... .75

20 or more boxes. Each..... .70



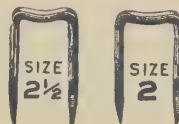
### GLAZING STAPLES

Size 2 for single thick glass. Size 2½ for double thick glass. Approx. 1000 per box.

Per box. Each....\$0.70

10 or more boxes.

Ea..... .60



### SHADING FOR GREENHOUSES

#### "MT. BEACON"—Dark Green

1 gallon, diluted, treats 5000 sq. ft.

Finest quality manufactured.

1-Gallon Pails. Each.....\$ 4.85

5-Gallon Drums. Each..... 23.75

DILUTION—1 part to 10 parts of Gasoline

#### Sea Green

1-Gallon Pails. Each.....\$ 4.10

5-Gallon Drums. Each..... 20.00

#### "MT. BEACON"—White

1-Gallon Pails. Each.....\$ 4.85

5-Gallon Drums. Each..... 23.75

Full directions for using on each Pail or Drum.

Note: Shading compounds are not available.

### GARLAND—White Shading

25 lbs. sufficient for 600 to 700 square feet. Used by large growers for many years.

25-lb. Bags...\$4.25      100-lb. Keg....\$15.00

350-lb. Barrels ..... 45.50

### Green Shading

25-lb. Bag...\$4.75      100-lb. Keg....\$17.00

350-lb. Barrel ..... 52.50

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# SOIL EQUIPMENT, GLASS SUBSTITUTES, ETC.

## SOIL HEATING EQUIPMENT

"General Electric"



General Electric—the very best in Soil Heating equipment. Sturdy lead-covered cable and heavy duty thermostats, built to last.

This flexible heating cable can be used in hot-bed, cold frame or greenhouse bench. By applying "bottom heat" it provides positive control and faster stimulation of growth. Soil can be maintained at 15° to 20° F. above general house temperature.

One 30-ft. cable (110 volt, 180 watt) heats 18 sq. ft. of bench area.

One 60-ft. cable (110 volt, 400 watt) heats 36 sq. ft. of bench area.

One 120-ft. cable (220 volt, 800 watt) heats 72 sq. ft. of bench area.

Thermostat Model A is a simplified type and will control one or two 60-ft. cables, or six 30-ft. cables.

Thermostat assembly Model B includes a duplex receptacle and 3 ft. of all-rubber cord. It controls up to four 60-ft. or 120-ft. cables.

Set No. 00 (Model A Thermostat and one 30-ft. cable) .....\$16.60

Set No. 0 (Model A Thermostat and one 60-ft. cable) ..... 21.00

Set No. 1 (Model B Thermostat assembly and one 60-ft. cable)..... 32.94

Set No. 2 (Model B Thermostat assembly and one 120-ft. cable)..... 44.94

Extra 30-ft. cable ..... 6.70

Extra 60-ft. cable ..... 11.10

Extra 120-ft. cable ..... 23.10

Thermostat Model A Assembly..... 9.90

Thermostat Model B Assembly..... 21.84

## ORCHID PEAT

Osmundine Fibres.

Very finest quality, used by practically all of the large Orchid Growers in the country.

	F.O.B. Chicago	F.O.B. Florida
Per bale .....	\$14.00	\$13.00

## PEARL CHIPS

Bulk	White	Colored
500 lbs. ....	\$20.00	\$22.50
100 lbs. ....	4.25	4.50
50 lbs. ....	2.50	2.75
25 lbs. ....	1.50	1.75
1-25 lbs. Per lb.....	7c	8c

In Boxes White Colored  
F.O.B. Chicago

Dozen boxes .....	\$ 1.50
Ctn. of 36.....	3.60
Gross .....	12.08

F.O.B. Muscatine, Iowa  
Gross .....\$8.64 \$10.08



## GLASS SUBSTITUTES

These are excellent substitutes for glass and can be used in many ways by the florist: For greenhouse partitions, hot bed covers, covering outside beds, etc.

All the materials must pass durability tests. In hot Southern climates, however, it has been our experience, that SCREEN-GLASS is the only material that can be wholeheartedly recommended since it will not break down under the heat and will continue to transmit the sun's rays necessary to plant growth.

### Screen-Glass



Wire screen cloth imbedded in clear, waterproof plastic which transmits the ultra-violet rays. Lets in heat better than glass. 36" wide.

50-ft. roll.....\$17.50 100-ft. roll.....\$34.00

### Wyr-O-Glass

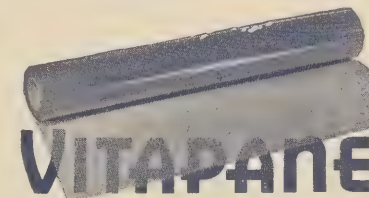


Tough, galvanized 1/4-inch wire mesh covered with plastic glass. Very strong and transparent. Extra high in ultra-violet transmission. 36" wide. 10-yd. roll.....\$ 7.50  
25-yd. roll ..... 17.50

### Glass-O-Net

Strong, waterproof cords made into a 1/4" mesh and covered with plastic glass bound together with a tough waterproof composition, into a solid sheet, reinforced by the netting. 36" wide. 10-yd. roll.....\$5.25 25-yd. roll.....\$12.00

### R-V-LITE—"Vitapane"



Crystal clear material with cross-cord reinforcement. Admits over 60 percent ULTRAVIOLET RAYS. Has many uses in greenhouses, cold frames, as plant protectors, etc. 36" wide. 50-ft. roll. Each.\$8.00 150-ft. roll. Each.\$24.00

☞ Samples and description sent on request.

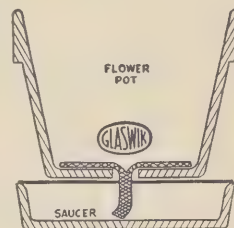
## GLASWIK

Self-watering wicks for plants—seeds—cuttings.

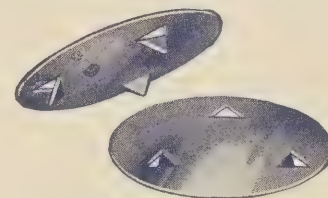
Satisfy your thirsty plants with the least effort and most efficiency.

Water them from below (sub-irrigation), the easy way, with the new non-corroding GLASWIK, made from pure spun glass. 3/8" diameter.

Per ft. ....	\$ .30
25 ft.....	\$6.00
50 ft.....	11.00
100 ft. ....	20.00



## EVERGRO POT DRAINS



Saves labor, time and money when potting. Prevents drain from clogging. Will not shift. Fits 3 1/2" to 12" pots.

500.....	\$ 6.00	1,000.....	\$ 10.00
5,000.....	45.00	10,000.....	85.00
25,000 .....			187.50

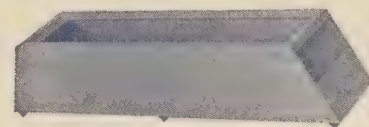
## MAGNIFIER—Two Lens



Gives choice of 3 magnifications. First lens 5 times, second lens 7 times and in combination 10 times.

No. 81-23-95. Each....\$2.60

## SELF-IRRIGATING WINDOW BOX



Attractively and sturdily constructed of steel, finished in pale green, which blends handsomely with plants. Designed to permit entry of water at plant roots. Supported to prevent moisture condensation on sill.

Length, 27". Width, 5 1/4". Height, 6".

No. 500. Carton of 6 (Wt. 14 lbs.).....\$14.40

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## PRUNERS AND SHEARS

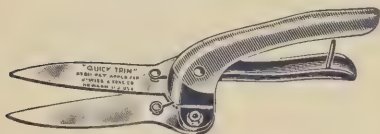
### GRASS SHEARS Wiss No. 5600



Drop-forged steel. Red enameled handles.

No. 5600. Each.....\$2.00 6 for.....\$11.25  
Dozen ..... 20.00

### "QUICK-TRIM"



Popular up-and-down handle action.

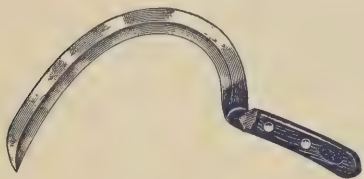
No. 801. Each.....\$1.35 6 for.....\$ 7.45  
Dozen ..... 13.20

### WISS—"CLIPPER"

Similar to "Quick-Trim" shears shown above, but of better quality and design.

No. 700. Each.....\$1.55 6 for.....\$8.80  
Dozen .....\$15.60

### GRASS HOOK—Scythe Type



Each.....\$0.90 6 for.....\$4.20  
Dozen ..... 8.00

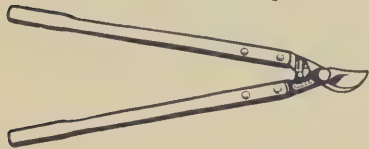
### FLOWER PICKER SHEARS



A perfect flower shear—snips and grips in one easy scissors cut, without damaging the stem. 6½ inches long.

No. 711. Each.....\$1.25 6 for.....\$ 6.60  
Dozen ..... 11.92

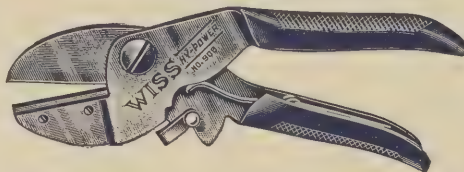
### LOPPING SHEARS— Corona-Hawley



Cutting blade hollow ground of finest steel. Has exclusive new spring guard to reduce cutting shock. Handles of selected No. 1 Hickory. 26 inches overall.

No. 26T. Each.....\$5.50 3 for.....\$13.90

### HY-POWER PRUNER—Wiss

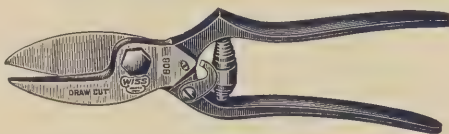


Specially constructed with a very high ratio leverage—it will cut through tough stems, hard branches, etc.

No. 908. 8 inches overall.

Each.....\$2.20 6 for.....\$12.40  
Dozen ..... 22.00

### DRAW-CUT PRUNER—Wiss



Solid scissor blade steel. Volute spring. Gun-metal handles, polished blade. Improved professional pattern. Specially suited for close meticulous cutting. Open end handles prevent pinching.

8 inches overall. Weight ¾ lb.

No. 808 Each.....\$3.60 6 for.....\$20.25  
Dozen ..... 36.00

### ROSE PRUNER—Wiss



Finest steel. Light, but strong. 7 inches overall.

No. 607-R. Each.....\$2.00 6 for.....\$11.25  
Dozen ..... 20.00

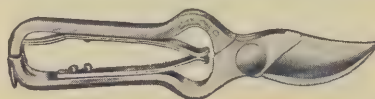
### ITALIAN PRUNING SHEARS



Imported shears of drop-forged steel, hardened and tempered. Fully polished. 9 inches overall. Wt. 1 lb.

No. 9. Each.....\$1.50 6 for.....\$ 8.10  
Dozen ..... 12.80

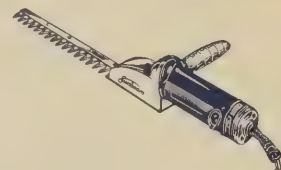
### PROFESSIONAL PRUNER—Henry



American Rieser style. Long wearing—easy cutting. Best quality, oval bevel steel blade, hardened and tempered. Double, brass spring. 9 inches long.

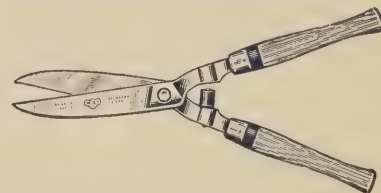
No. 4773. Each.....\$3.40 6 for.....\$19.20  
Dozen ..... 34.00

### ELECTRIC HEDGE TRIMMER



Makes trimming of hedges and shrubbery easy. Complete with 10-foot rubber covered cord. AC or DC current. Price.....\$46.25

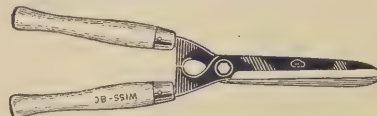
### HEDGE SHEARS—Wiss English Style with Shock Absorber



Finest of hedge shears; the choice of professional gardeners. Light in weight, blades are tapered to provide superb balance. New patented shock absorber takes the jolt out of hedge cutting and reduces arm fatigue. Blades highly polished, hollow ground, with special notch for heavy branches.

	Length of Blade	Each	½ doz.
No. 8½E.....	8½"	\$4.00	\$19.80
No. 9½E.....	9½"	4.20	21.00

### Regular Pattern



A lower-priced pattern made of the same hot drop-forged steel as the English pattern above. 8-inch blade.

	Each	½ doz.
No. 8C Wt. 3 lbs.....	\$2.35	\$11.80

### POLE SAW—Disston



14-inch blade. Without poles.

Each .....\$4.00

### PRUNING SAW



Duplex Pruner—Double Edge—Wt. 1½ lbs.

Each .....\$3.00

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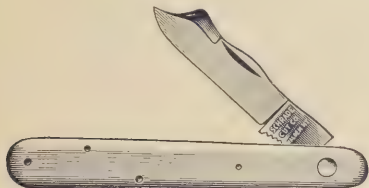


## FLORIST KNIVES

### KNIVES

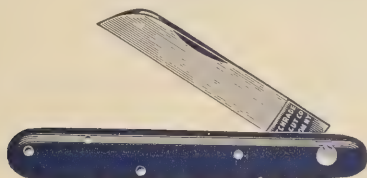
Finest American knives of razor steel, brass-lined. Hand-made by Schrade Cutlery Co.

#### Budding



**No. 181.** Single budding blade. Finest quality, hand forged.  
Each.....\$3.00    6 for.....\$16.00  
Dozen ..... 26.00

#### Grafting



**No. 182.** Single grafting blade. Finest quality, hand forged.  
Each.....\$2.50    6 for.....\$14.00  
Dozen ..... 22.00

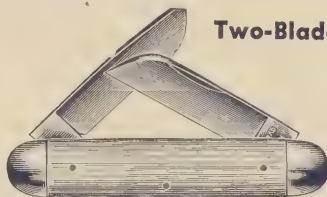
#### FIXED BLADE NURSERY PRUNING KNIFE



Tough, extra heavy gauge, electrically tempered blade, hand honed to razor keenness. Husky, highly finished hardwood handle, formed to fit a he-man's grip.

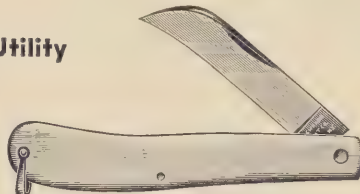
**No. 170.** Each.....\$1.35    6 for.....\$ 7.20  
Dozen ..... 12.00

#### Two-Bladed



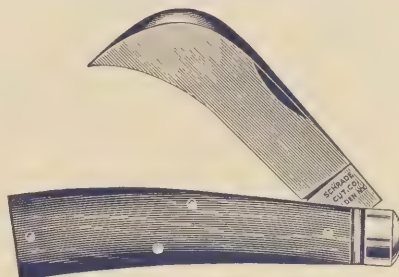
**No. 716.** Grafting blade and budding blade. Finest quality, hand forged. White handle.  
Each.....\$2.75    6 for.....\$15.00  
Dozen ..... 24.00

#### Utility



**No. 196.** White handle, single blade, ring for chain. Finest quality hand forged.  
Each.....\$2.00    6 for.....\$11.00  
Dozen ..... 18.00

#### NURSERY PRUNING KNIFE



**No. 186.** Heavy hooked blade, 4 7/8" long. Hardwood handle, steel bolsters.  
Each.....\$2.25    6 for.....\$12.00  
Dozen ..... 20.00

### FIXED BLADE KNIVES

#### "Schrade"

Carbon Steel Blade; Imported Cocobolawood Handles; Compression Rivets; Blade Polished on one side.

**No. 173.** Grafting Knife, 6 1/2 inches long.  
Each .....\$0.90  
Dozen ..... 8.00

**No. 174.** Budding Knife, 6 inches long.

Each .....\$0.90  
Dozen ..... 8.00

### COMBINATION STONE "Carborundum"



**No. 109.** One side coarse grit. The other fine grit for giving the finished keen edge. 6" x 2" x 1".  
Each .....\$1.75

### GARDEN AND HOME SHARPENING STONE

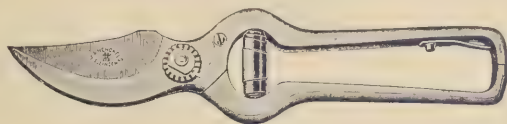


**No. 46.** Has red wooden handle. For sharpening lawn mower blades, Garden Tools, Household Knives and many other edge tools.  
Each .....85c



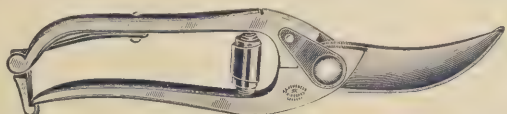
### IMPORTED HENCKEL PRUNING SHEARS AND KNIVES

Once again this high grade German cutlery is available. Made of razor steel, these shears and knives will take a fine edge and hold it indefinitely.



**Pruning Shears**

	Each	6	Dozen
<b>No. 190.</b> 7 1/2"	\$4.80	\$27.00	\$48.00
<b>No. 200.</b> 8 1/2"	5.60	31.50	56.00
<b>No. 210.</b> 9 1/2"	6.00	32.75	60.00



**Dahlia Shears**

Long narrow blades for delicate trimming and pruning.

	Each	6	Dozen
<b>No. 192.</b> 9"	\$6.00	\$32.75	\$60.00

### Two-Bladed Knife



**No. 727.** Each.....\$ 4.00  
6 for.....\$21.60    Dozen..... 36.00

#### Grafting Knife



**No. 778CB.** Each.....\$ 3.10  
6 for.....\$16.80    Dozen..... 28.00

#### Budding Knife



**No. 780CB.** Each.....\$ 3.60  
6 for.....\$19.20    Dozen..... 32.00

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**GARDEX**

# "Soil-Flow" Tools

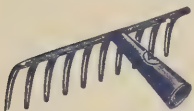


## BOW RAKE

Carbon steel. 5 foot handle.

No. 250-14. 14 tine.  
Each.....\$1.85      6 for.....\$9.16  
No. 250-16. 16 tine.  
Each.....\$2.00      6 for.....\$9.96

## CURVED TOOTH RAKE



5 ft. handle.

No. 251-14. 14 tine.

Each .....\$1.60  
6 for ..... 7.92

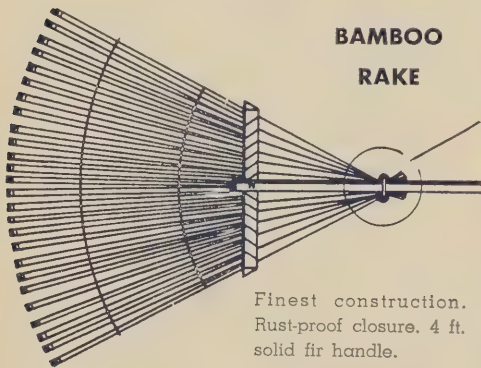
No. 251-16. 16 tine.  
Each.....\$1.75      6 for.....\$8.76



## LAWN SWEEP

Special tempered spring steel with 22 flat flexible teeth. 18" wide. 3½ ft. handle.

No. 403. Each.....\$1.35      6 for.....\$6.76



## BAMBOO RAKE

Finest construction. Rust-proof closure. 4 ft. solid fir handle.

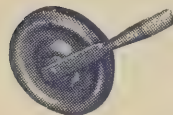
No. 81. 18-inch. Each ..\$0.75      Dozen...\$6.84  
No. 79. 24-inch. Each .. 1.10      Dozen... 9.72

## CLEAN-UP RAKE



26 self-cleaning teeth. 16¼" wide. 5 ft. handle.

No. 415. Each .....\$1.75      6 for.....\$8.76

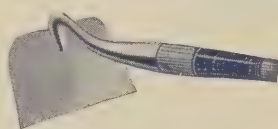


## GARDEX SEEDER

Has adjustable hopper, sows seeds from the smallest flower seeds up to cucumber size in the home garden, flower garden, greenhouse. Rolled through the marked-out seed row without pressure, it cannot clog up. It drops seeds quickly, evenly and economically. You do not have to bend down. 30" handle.

No. 270. Each.....\$1.70      6 for.....\$8.36

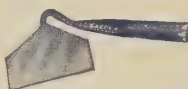
## GARDEN AND FIELD HOE



Sharpened blade, half polished, of high carbon steel. 7 inch blade. 4 foot handle.

No. 9007. Each.....\$1.50      6 for.....\$7.56

## NURSERYMAN'S HOE



Sharpened on three sides, 7 inch blade. 4½ foot handle.

No. 9027. Each.....\$1.50  
6 for ..... 7.56

## WARREN HOE



Useful for making furrows, tilling and weeding. Ears, point and blade edge are sharpened.

4½ ft. handle.

No. 2105. Each...\$1.85  
6 for ..... 9.16



## SINGLE BOW-PULL HOE

Blade 7" wide.

No. 1217. 4½ ft. handle.  
Each .....\$1.70  
6 for ..... 8.36



## DOUBLE BOW-PULL HOE

No chopping with this tool. Just pull through ground, cutting off all weeds, mulch and weed at the same time. Blade 7" wide. Complete with 4½ ft. handle.

No. 1207. Each.....\$1.70      6 for.....\$8.36



## SPEEDY CULTIVATOR

Curved tines, sharply pointed and short enough for working under low bushes, flowers and plants. Tine length 4", width 5½", 4½-ft. handle.

No. 1514. Each..\$1.85      6 for...\$9.16

## SHOVELS, SPADES AND FORKS

are listed on page 74.

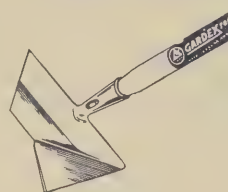
## SEED SOWER—"Cyclone"

Sows perfectly even all varieties of farm seeds such as clover, alfalfa, oats, rye, wheat, lawn grass, etc., and can be regulated any amount per acre. The bag holds about ½ bushel of seed. It is easily operated. Wt. 4 lbs.

Each.....\$3.50      6 for.....\$17.20



## TURF EDGER



Cuts vertically and horizontally, or V-shaped groove, cleanly and speedily. 4½-ft. handle.

No. 400. Each.....\$2.25      6 for.....\$11.16

## WHEEL LAWN EDGER "Gardex"



Hardwood roller with 6-inch steel blade, 4 ft. handle.

No. 401. Each..\$2.30      6 for..\$11.56



## SIDEWALK SCRAPER

High carbon steel, sharpened edge, 7 inches wide, 4 ft. handle.

No. 500. Each.....\$1.30  
6 for ..... 6.36



## HALF-MOON EDGER

Carbon steel with turned step and sharpened blade. 8¾" wide. 4 ft. handle.

No. 402. Each..\$1.75      6 for..\$8.76



## SMALL CULTIVATOR

For loosening and air-conditioning the soil.

4 ft. handle.

No. 1503. Each.....\$1.50      6 for.....\$7.56



## DIAMOND POINT CULTIVATOR

Patented Diamond Point Shares. Penetrates soil much easier than old types. 4½ ft. handle.

No. 1553. Each.....\$2.00      6 for.....\$9.96

## CULTIVATOR WITH WEEDER



Cultivate and weed with one tool! Three-prong Cultivator loosens soil thoroughly, while the weeding blade cuts off all weeds quickly. Light and handy. A favorite with every gardener.

Complete with 4 ft. handle.

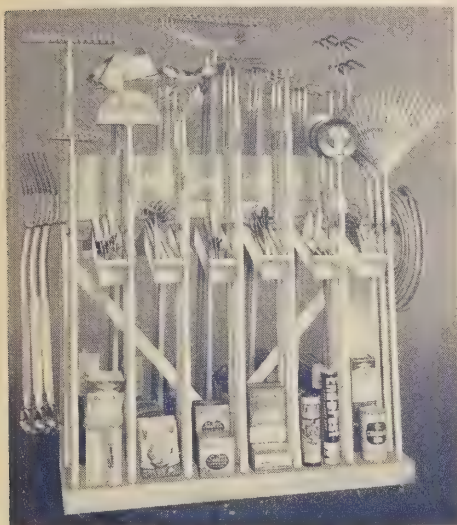
3 Prongs, 4½" wide, blade 4" wide.

No. 1523. Each.....\$1.85      6 for.....\$9.16

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## GARDEX GARDEN-diser



### A Complete Garden Department. Here's How to Sell More Garden Tools:

Put this portable, self-service merchandising rack right out in front in your store where customers can pick the tools they want right off the rack and bring them to your sales clerk or cashier. The GARDEN-diser holds a variety of items whose uses are associated. Descriptive cards tell the purpose of the various tools and their prices, often resulting in additional tie-in sales.

The GARDEN-diser holds 4 dozen long handle tools and has bins for quantities of Midget tools, hose nozzles, pruning shears, etc. The base can be used for display of packaged lawn seed, fertilizer, etc. Equipped with heavy duty casters. Takes up only 34 x 48 inches of floor space.

Shipped prepaid from factory complete with following tools:

#### 3 EACH LONG HANDLE TOOLS

No. 001 Spading Fork	No. 932 3-Prong Hoe
No. 1514 Speedy Cultivator	No. 25014 Bow Rake
No. 1523 Cultivator-Weeder	No. 25114 Curved Tooth Rake
No. 1553 Cultivator	No. 253 Floral Rake
No. 2105 Warren Hoe	No. 400 Turf Edger
No. 9007 Garden Hoe	No. 401 Wheel Edger
No. 9027 Nursery-men's Hoe	No. 402 Half Moon Edger
	No. 403 Lawn Sweep

#### 6 EACH MIDGET TOOLS

No. 703 Midget Fork	No. 717 Shrub Rake
No. 706 Dandelion Cutter	No. 721 Culti-Spade
No. 713 Midget Cultivator	No. 732 Culti-Hoe
No. 714 Culti-Weeder	No. 740 Trowel
No. 715 Midget Rake	No. 741 Transpl. Trowel

PLUS— { No. 751 Dibble (3 only)  
No. 940 Hang-It Hooks  
(8 Boxes of 4 ea.)

TOTAL LIST VALUE OF TOOLS.....\$149.53  
DEALER NET PRICE..... 99.70  
COST OF GARDEN-diser No. 960..... 22.95

DEALER TOTAL COST.....\$122.65

### RUBBER KNEE PADS

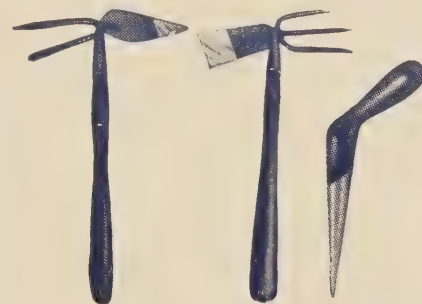


A practical, serviceable, comfort-giving knee cushion. Shipping Wt. 2 lbs.  
Pair.....\$1.60 3 for.....\$4.50

## GARDEX MIDGET TOOLS



	Each	Ctn. of 6
No. 703. Fork .....	45c	\$2.20
No. 713. Cultivator .....	45c	2.20
No. 714. Culti-weeder .....	55c	2.60
No. 715. Rake .....	55c	2.60
No. 717. Shrub Rake .....	60c	2.80



	Each	Ctn. of 6
No. 721. Culti-Spade .....	55c	\$2.60
No. 732. Culti-Hoe .....	65c	3.00
No. 751. Dibble .....	\$1.00	5.16

### FLORIST TROWEL



High carbon steel blade. Half polished, round point, sharpened. Shank forged onto blade.  
No. 740. Each.....70c 6 for.....\$3.40

### TRANSPLANTING TROWEL



No. 741. Each.....70c 6 for.....\$3.40

### WEED OR ASPARAGUS KNIVES



No. 706. 15" overall—Weight ½ lb.  
Each.....55c Dozen.....\$5.20  
No. 431. 45" overall—Weight 1 lb.  
Each.....70c 6 for.....\$3.56

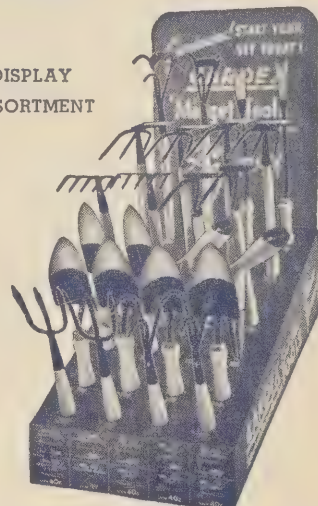


### HOLE-IN-ONE BULB AND PLANT SETTER

Merely cut this handy tool into the soil, remove it with a slight twist and the soil comes with it, leaving a clean, flat-bottomed hole in which plants or bulbs may be set.

Each..\$0.80 Dozen..\$7.60

### DISPLAY ASSORTMENT

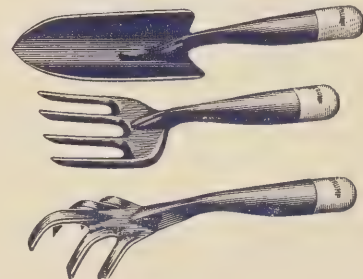


Here's the display that made big profits for thousands of dealers last spring! Put your Gardex "Midget" tools on the counter, within easy reach . . . with this exclusive colorful, sturdy all-steel display. No selling required.

#### HERE IS WHAT YOU GET:

1—770 Display Rack	2—715 Rakes
4—740 Trowels	2—751 Dibbles
2—741 Transplanting Trowels	2—721 Culti-Spades
4—732 Culti-Hoes	2—706 Dandelion Cutters
2—714 Culti-Weeders	2—713 Cultivators
2—703 Spading Forks	
Retail value, \$18.08, plus \$5.00 display rack.	
No. 770. Display. Ship. Wt. 23 lbs.....\$12.98	

### "TRUMP" HAND TOOLS



Inexpensive but sturdy tools for resale. Green enameled 18-gauge steel.

	Dozen	Gross
No. 800. Trowel .....	\$2.10	\$22.40
No. 801. Fork .....	2.10	22.40
No. 802. Cultivator .....	2.10	22.40
No. 811. 3-piece Sets .....	6.30	72.00

### "TRUMP" TRANSPLANTER



No. 804. Per dozen...\$2.10 Gross...\$22.40

### "TRUMP" WEED CUTTER



No. 805. Per dozen...\$2.10 Gross...\$22.40

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**SPADING FORK**

Heavy angular back tines. Ship. Wt. 6 lbs.

No. HPS. Each.....\$2.65      6 for.....\$14.40

**SPADE—Standard**

Quality steel blade, 7¼ x 12 in.  
Ship. Wt. 5 lbs.

Each.....\$2.60      6 for.....\$14.80

**SPADES—Nursery and Tree**

Alloy steel blade. Heavy steel strap runs two-thirds length of handle (15 inches). Steel D-handle. Ship Wt. 6½ lbs.

	Each	3 for
No. A1M. SQUARE POINT.....	\$5.95	\$16.04
No. B1M. DIAMOND POINT....	6.05	16.36



No. A13M. TREE DIGGER (Full length straps).  
Ship. Wt. 8 lbs.

Each.....\$7.80      3 for.....\$21.06

**ROUND POINT SHOVELS**

Split D-handle, 28 inches long. Ship. Wt. 5 lbs.

Each.....\$2.50      6 for.....\$14.20



LONG handle, 4½ ft. long. Ship. Wt. 5 lbs.

Each.....\$2.50      6 for.....\$14.20

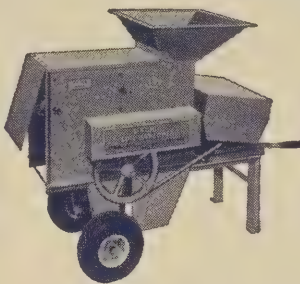
**SOIL SHOVEL  
Greenhouse Special**

Square point blade, 9¾ in. x 12 in. Size 2.  
Ship. Wt. 5 lbs.

Each.....\$2.50      6 for.....\$14.20

**SOD LIFTER**

Each (ship. wt. 5½ lbs.).....\$4.50

**SOIL SHREDDERS  
THE NEW IMPROVED LINDIG**

The new Model B Lindig Soil Shredder is equipped with a newly developed ACTIONIZED shredding blade, made of a special steel

to resist the most severe wear. Each shredding blade is free swinging. The stationary blades are individually mounted with a spring on each blade. This feature allows only the required opening to be made for a non-crushable object to pass through the shredder, and is found only in the Lindig patented soil shredder.

The new Model B shreds faster and more uniformly all soils, peat, manure, compost piles, leaf mold, sphagnum moss, shingle tow, and sods.

**Model JR-B.** For the small grower or as a second shredder for the large grower to use on the potting bench. Height 27", length 36". Hopper size, 15" x 15". Rotor 7" wide with 3 sets of blades.

Without power .....\$ 95.00

With ½ h.p. motor..... 136.00

With gas engine..... 151.50

Following models are 36" high and 46" over-all. Steel wheels.

**Model No. 1B-4.** Feeder hopper size, 16 x 18 in. beater drum, 8½ in. wide, with four rows of teeth. Without motor.....\$130.00

**Model No. 1B-6.** Same as Model No. 1B-4, except that beater drum has six rows of teeth. Designed for extra fine shredding. Without motor .....\$135.00

**Model No. 2B-6.** Feeder hopper size, 16 x 20 in. Beater drum, 19½ in. wide, with six rows of teeth. Without motor.....\$160.00

**Model No. 2B-8.** Same as Model No. 2B-6, except beater drum has eight rows of teeth. Designed for extra fine shredding. Without motor.....\$175.00

**Electric Motor.** ¾ h.p., for use with models 1B-4, 1B-6, or 2B-6. Each.....\$65.50

**1 h.p.** For use with Models 2B-6 or 2B-8. Each .....\$87.50

**Gasoline Engine.** 1½ h.p., for use with all models. Each .....\$70.00

**Rubber Tires.** For use with all models. Per set .....\$20.00

**Screening Attachment.** For use with all models. Designed to remove rocks, sticks, roots, and other undesirable material from the shredded soil.

For Models No. 1B-4 and 1B-6. ....\$50.00

For Models No. 2B-6 and 2B-8. .... 60.00

Larger models and conveyors also available. Send for detailed circular.

**LARGER MODELS**

**Model 24.** 40" high and 4 ft. in length. Capacity: 25 cu. yds. per hour. Designed primarily to be hand fed by 2 or 3 men. Shredding rotor: 24" wide with 56 blades. Pneumatic wheels. Without power.....\$375.00

With power take-off..... 495.00

With 3 h.p. electric motor..... 610.00

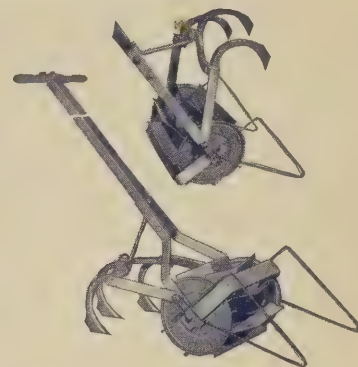
With 5 h.p. electric motor..... 645.00

With 10 h.p. gasoline engine..... 650.00

**Model C24.** Same as Model 24 with the addition of automatic feeding conveyor.

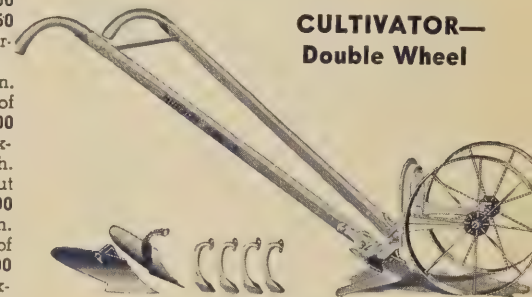
**Model CL24.** Same as Model 24 with the addition of automatic feeding and loading conveyors.

Write for detailed circular and prices of Models 24, C24, and CL24.

**CULTIVATOR—3 in 1****Weeder—Cultivator—Mulcher**

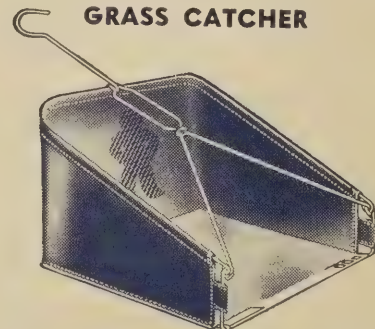
Revolving reel blades, working in combination with a stationary knife, destroy the weeds, pulverize the clods, mulch and level the soil all in one operation. When deeper cultivation is desired, the cultivator teeth can be used by simply turning the tool over.

Complete (Model R-100). Each.....\$ 7.00  
3 for ..... 17.60

**CULTIVATOR—  
Double Wheel**

The double wheel design gives maximum clearance with open arch frame. Great strength and rigidity.

Complete (Model G30-D). Each.....\$7.50

**GRASS CATCHER**

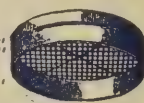
Fits all hand mowers from 12" through 18" widths.

No. HS234. Each.....\$2.00      6 for.....\$9.80

**SIEVES**

For handsifting soil, gravel, etc. 18" diameter, about 5" deep. Meshes available 2, 4, 6 or 8 holes to the inch.

Each .....\$2.25

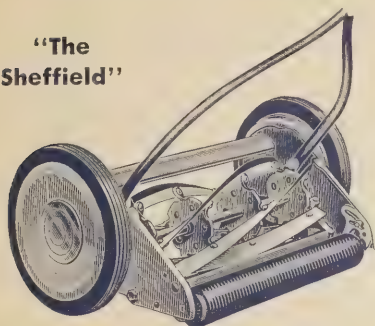


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## HAND. LAWN MOWERS

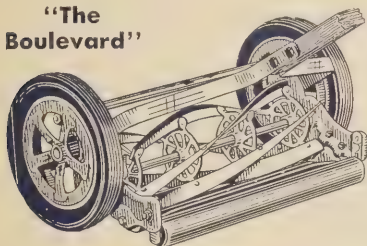
**"The Sheffield"**



A streamlined mower of exceptional quality. Pressed steel wheels with die cast drive gears. Handle of steel tubing, rubber-covered roller.

16-inch. (List \$33.75.) Each.....\$22.50  
18-inch. (List \$35.85.) Each..... 23.90

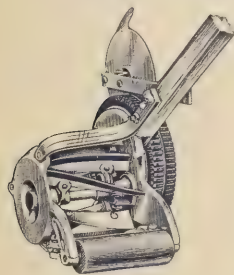
**"The Boulevard"**



Brings to the low-priced field a rubber-tired mower of exceptional quality. Full size driving gear and high speed reel. Shockproof frame. Hardwood handle and roller.

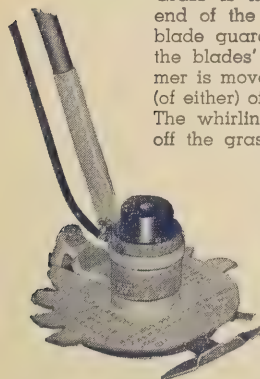
16-inch. (List \$23.85.) Each.....\$15.90

### Ace Edger and Trimmer



A combined lawn trimmer, lawn edger and finisher. Cuts close to walls, fences, monuments, etc. Trims around side-walks, flower beds, etc. Width, 6". (List \$21.75.) Each..\$14.50

### ELECTRIC GRASS TRIMMER

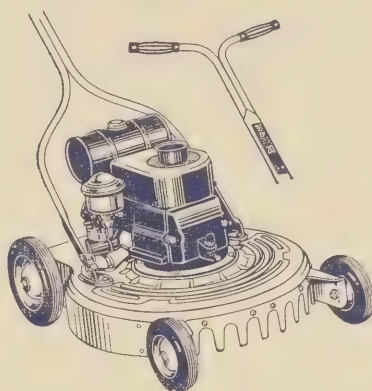


Grass is hooked with either end of the "T" shaped front blade guard and drawn into the blades' path as the trimmer is moved in the direction (of either) of the pointed ends. The whirling blade then cuts off the grass as the grass is held upright by the suction that the blade creates. 110 volt. AC or DC, 8-inch blade. An hour of hand-work is completed in a few minutes time with "O-K" Trimmers.

O.K. Grass Trimmer .....\$34.25

## F&N POWER LAWN MOWERS

### ROTARY TYPE



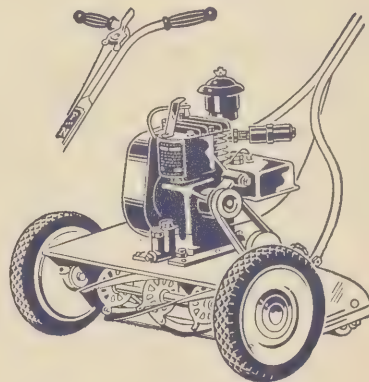
For fine lawns or the toughest weed patches, these rotary blade mowers give satisfaction. Wheels recessed for close trimming. One-piece steel cutter blades attached direct to vertical engine shaft—no clutch—no belt. Cuttings are pulverized and benefit the lawn—no need for raking. Cutting height adjustable from 1 1/4 to 2 3/4 inches.

Cutter housing made of one-piece steel stamping with deep side skirts for maximum safety. Front guard slotted to permit entrance of tall weeds. Floating tubular steel handle.

16-inch. 2-cycle engine. Ship. wt. 49 lbs.  
(List \$77.00.) Each .....\$57.75  
18-inch. 2-cycle engine. Ship. wt. 54 lbs.  
(List \$86.00.) Each .....\$64.50  
20-inch. 4-cycle engine. Ship. wt. 78 lbs.  
(List \$99.60.) Each .....\$74.70

F.O.B. Richmond, Ind.

### REEL TYPE



F&N-Built Power Units have served users for over 30 years. These mowers, made by the world's largest lawn mower manufacturer, have rugged frames, oversized rubber-tired wheels, floating tubular steel handles. Automatic clutch, self-adjusting reel bearings. Fingertip controls.

Sectional roller for easy turning. 4-cycle, easy-starting engine.

18-inch. Ship. wt. 124 lbs.  
(List \$105.50.) Each .....\$79.10  
20-inch. Ship. wt. 130 lbs.  
(List \$120.00.) Each .....\$90.00  
22-inch. Ship. wt. 139 lbs.  
(List \$133.00.) Each .....\$99.75  
24-inch. Ship. wt. 175 lbs.  
(List \$175.00.) Each .....\$131.25

F.O.B. Richmond, Ind.

## MODERN SOIL TEST KITS

### SOIL TESTERS "Simplex"

By Edwards Laboratories



Tells you what to put back into the soil, in nitrogen, the phosphates or other elements that have been depleted by time and cropping.  
Complete Simplex Kit. Each.....\$49.50  
Makes 100 to 300 each of 15 types of tests.  
Junior Simplex Outfit. Each.....\$33.50  
Makes 100 to 300 each of 6 types of tests.  
Farm Simplex Kit. Each.....\$25.50  
Makes 100 each of 4 types of tests.

### "SOILTEX"—Acidity Tester

Contains complete equipment for making 100 tests for soil acidity.  
Each.....\$1.50 Dozen.....\$12.00

### Replacements

Reagent Refills. Each.....\$1.50  
Vials marked at 13 c.c. Each......18  
Vials marked at 1 and 2 c.c. Each......18  
Porcelain test plate. Each.....1.80  
Aluminum spoon......12  
2-oz. bottles with dropper. Each......18

### TEST YOUR SOIL

BECAUSE certain plants require "acid" soil and others require "alkaline" soil.

BECAUSE actual knowledge of the reaction of your soil aids in the selection of the plants or crops that will grow best, and in the choice of fertilizers to be used.

### SOIL TESTERS—"Sudbury"

DeLuxe. A complete portable testing laboratory. Will make 50 individual tests for Nitrogen, 50 for Potash, 50 for Phosphorus and 50 for Acidity. In wood case. Each.....\$29.95 3 for.....\$59.90

Horticultural. Enough material for 15 individual tests for each element. Wood case. Each.....\$14.95 3 for.....\$29.90

### Testing Fluid Refills and Accessories

Specify whether for Nitrogen, Phosphorus, Potash, or Acidity.

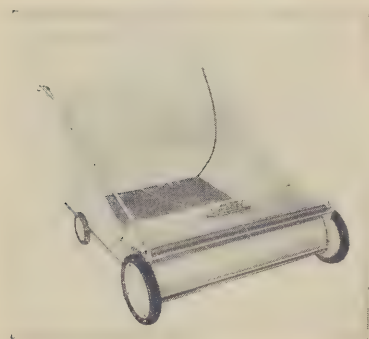
1/2 oz. Each.....\$0.50  
2 oz. Each.....1.35  
6 oz. Each.....2.50  
Test Tubes and Corks. Each......10  
Funnels. Each......25  
Filter Paper (Pkg. 100 sheets)......50  
Tin Rods. Each......10  
Color Charts. Each......25

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## LAWN EQUIPMENT AND WHEELBARROWS

## LAWN SWEEPERS—"Lambert"



For homes, better parks, institutions, cemeteries, golf courses, estates, or any other place where beauty of grass is desired.

All steel frame with weatherproof hamper. Machine cut gears. Steel-backed non-clog fibre brushes. One-lever control adjusts brush height and front shield angle at same time. Swivel casters.

## STANDARD MODELS

21-inch. (List \$32.95.) Wt. 36 lbs. Each... **\$23.10**  
 30-inch. (List \$41.95.) Wt. 43 lbs. Each... **29.40**

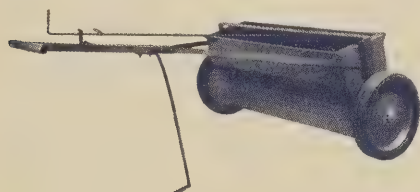
## SWEEP-O-MATIC MODELS

Similar to standard. Have also fingertip control on handle to raise or lower brushes, transparent wind apron to enclose hamper, detachable hamper that becomes an all-purpose garden cart.

21-inch. (List \$50.95) Wt. 44 lbs. Each... **\$35.70**  
 30-inch. (List \$59.95) Wt. 53 lbs. Each... **42.00**

## FERTILIZER AND SEED DISTRIBUTORS—Masters

Gives even distribution of commercial fertilizers, grass seed or top dressing. Has shut-off control on handle.



Heavy duty. Large, strong, steel disc wheels. Rubber-tired.

Model	Width	Capacity	Each	3 for
M-241-D	24 in.	65-75 lbs.	<b>\$33.20</b>	<b>\$ 83.00</b>
M-361-D	36 in.	100-120 lbs.	<b>42.60</b>	<b>106.50</b>

HOME LAWN DISTRIBUTOR—Rubber-tired. Tubular steel handles.

Model	Width	Capacity	Each	3 for
25-D	18 in.	20 lbs.	<b>\$ 7.95</b>	<b>\$19.90</b>
30	18 in.	50 lbs.	<b>10.20</b>	<b>25.50</b>

BIRD BATHS  
"SAFE'N LITE"

Now, for the first time, a bird bath that is practical to handle for resale — individually packed in flat shipping carton, lightweight but very sturdy.

Porcelain enameled bowl, 16½" wide, is rust-proof and slip-proof. Base of ornamental iron. Simple to assemble—no bolts, nuts or screws.

## FLOWER BED MODEL

Just push into ground. Each **\$3.35** 6 for **\$19.20**  
 3 for ..... **18.60**  
 Wt. 6½ lbs. each.

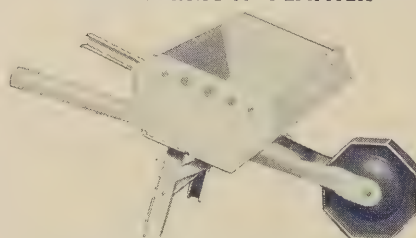
## LAWN MODEL

Sturdy ornamental iron base.

Each ..... **\$ 6.50**  
 3 for ..... **18.60**  
 Wt. 11 lbs. each.



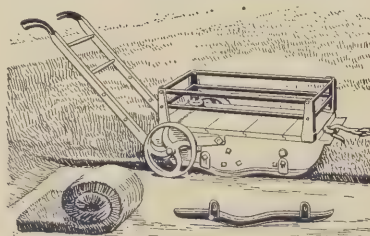
## WHEELBARROW PLANTER



The "Garden Queen" planter has a snow-white, heavy-gauge metal body with bright red wheel. Makes a pleasing appearance on lawn, 15" high x 30" long. Plant tray 16½" x 12" x 5½" deep. Wt. 11½ lbs.

Each..... **\$3.30** 6 for..... **\$18.60**

## SOD CUTTER—"Richmond"

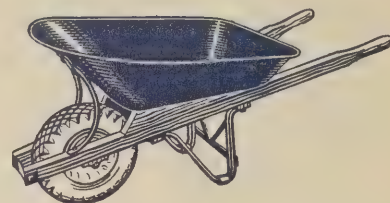


The Richmond Sod Cutter is simple to operate. It cuts a strip of sod 14 inches wide of uniform thickness. Can be pulled by light tractor, truck, or horse.

Hardwood Frame—Vanadium Steel Knives. Easily adjusted for cutting sod from 1" to 2½" thick (Weight 100 lbs.)

Complete ..... **\$85.00**  
 F.O.B. Richmond, Ind.

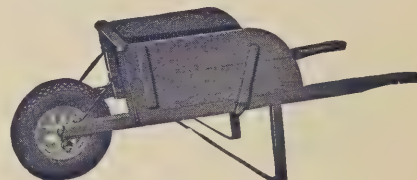
## WHEELBARROW—Steel



Built for heavy work and constant use. Steel tray, 35x30 in. Capacity 4 cu. ft. Ball-bearing wheel with rubber tire. Hardwood handles.

Each (Wt. 55 lbs.)..... **\$23.50**

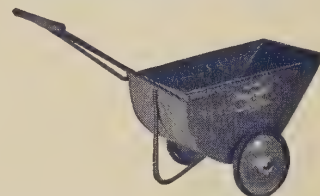
## GREENHOUSE WHEELBARROW



Sturdy wood barrow with removable sides. Narrow width for greenhouse aisles and walks. 19 inches wide at widest point. Ball-bearing wheels with pneumatic rubber tires.

Each (Wt. 38 lbs.)..... **\$24.50**

## HANDI-CART—Masters



For greater convenience around the home, garden or nursery. Rubber tired.

No. 53. Standard. Capacity 3½ cu. ft.  
 Each..... **\$7.90** 3 for..... **\$21.00**

No. 20-D. De Luxe. Capacity 3½ cu. ft.  
 Each..... **\$11.50** 3 for..... **\$30.50**

## RUBBER-TIRED WHEEL

Equip your wheelbarrow with these time-saving ball-bearing wheels with rubber tires. Sturdy cast metal wheels and low-pressure rubber tires, 16x4 in., with inner tubes. Maximum load, 450 lbs. Hub length 6 in. Axle diam. ½ in. Wt. 13 lbs.

Each ..... **\$12.25**

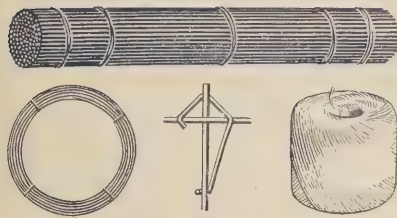


PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## STAKES AND WIRE

### GALVANIZED WIRE STAKES



8 gauge		9 gauge	
Per 100	Per 1000	Per 100	Per 1000
3 ft. ....	\$3.75	\$28.00	\$3.10
4 ft. ....	4.60	37.30	3.95
5 ft. ....	5.75	47.10	4.90
6 ft. ....	6.85	55.20	5.85
7 ft. ....	7.90	64.60	6.80
8 ft. ....	8.95	73.80	7.95

### GALVANIZED BENCH WIRE

Per 100 lbs.		Per 100 lbs.	
8-gauge....	\$15.20	16-gauge....	\$18.80
9-gauge....	16.10	17-gauge....	19.30
12-gauge....	17.60	18-gauge....	19.90

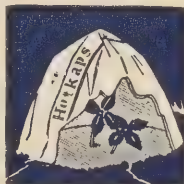
Minimum order, 50 lbs.

### COTTON TWINE—3 or 4 Ply—White

Sack of 30 balls (5 lbs.).....\$4.50

### HOTKAPS

HOTKAPS — patented paper hothouses—completely protect plants from destructive frosts, storms, insects. Ripen crops weeks earlier; increase yield 18% to 51%. Maintain perfect mulch. One man can set 2000 per day. Millions used by growers every season.



Per carton of 1,000.....\$16.50  
Steel Hotkap Setter. Each..... 1.50

### HYACINTH STAKES

Pointed wood. Painted Green.



	Per 1000	Per 6000
12-inch .....	\$4.15	\$24.00
15-inch .....	4.75	27.00
18-inch .....	5.25	30.00

### STAKE FASTENERS "Everlasting"

Packed 500 to box. Wt. 2 lbs.

1 to 9 boxes. Each....\$2.50

10 boxes or more. Each. 2.40

Constructed of heavy galvanized iron wire. Can be used with either steel stakes or bamboo stakes.



### "Eureka"

Similar to above but lighter in weight. Packed 1,000 to box.

1 to 9 boxes. Each.....\$2.50

10 boxes or more. Each..... 2.40

### CANE STAKES—Pencil Thickness

	Per 1000	Per Bale
1½-ft. Green .....	\$ 3.50	\$ 6.00
2 -ft. Green .....	4.75	8.00
2½-ft. Green .....	5.75	10.00
3 -ft. Green .....	7.50	13.00
3½-ft. Green .....	9.50	16.50
4 -ft. Green .....	10.50	18.00
5 -ft. Natural .....	14.00	24.50

2000 to the bale.

### CANE STAKES—Medium Heavy

	Per 100	Per 1000
5 ft. Green .....	\$2.25	\$17.50
6 ft. Green .....	3.00	25.00

### SPLIT BAMBOO STAKES

Green—Thin but Strong.

	Per 1000	Bale of 5000
12 ins. ....	\$2.50	\$10.00
15 ins. ....	3.50	14.00
18 ins. ....	4.00	16.00
24 ins. ....	6.00	24.00

## THE NEW SNAP-ON SHELF BRACKETS

Can be attached  
or detached . . . Instantly!

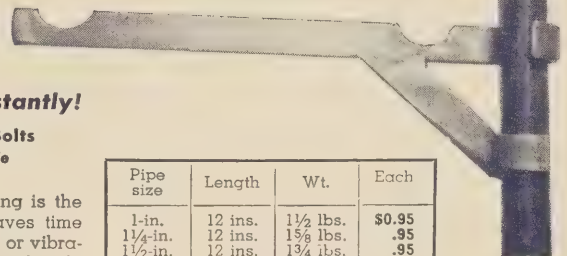
No Nuts, No Screws, No Bolts  
Unconditionally guaranteed for life  
by the manufacturer.

The simple snap-on method of fastening is the greatest step forward ever made. Saves time and labor. Under no amount of weight or vibration will this bracket slip. Made of unbreakable, malleable steel.

Shipped Immediately from Factory. Be sure to mention pipe size when ordering.

Pat. Applied For.

Pipe size	Length	Wt.	Each
1-in.	12 ins.	1½ lbs.	\$0.95
1¼-in.	12 ins.	1½ lbs.	.95
1½-in.	12 ins.	1¾ lbs.	.95
2-in.	17 ins.	2½ lbs.	1.10



## TREE AND GRAFTING SUPPLIES

### TREE WOUND COMPOUNDS

#### Tacky—Insect Repellent



### "AFS" PRUNING COMPOUNDS

Thin only with Raw Linseed Oil  
LIQUID

1-gallon cans. Each.....\$1.60  
5-gallon drums. Each..... 6.50

### "AFS" ASPHALT EMULSION

Thin with water

1-gallon cans. Each.....\$1.60  
5-gallon cans. Each..... 6.50

Fine for banding trees—Very Tacky—Sticky, Insect Repellent.

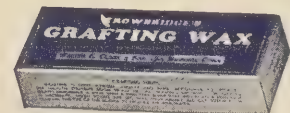
### RAFFIA

Finest Grade—West Coast Majunga. Natural  
Finest Imported.

1 lb.....\$1.10 5 lbs.....\$5.00

RAFFIA—Green Dyed. Per lb.....\$1.10

### GRAFTING WAX



½-lb. bar. Each.....\$0.50 Dozen.....\$4.00  
1-lb. bar. Each..... .80 Dozen..... 6.40

### BUDDING STRIPS

Natural red rubber, 3/16" wide, 4 inches or 5 inches long. Specify which.

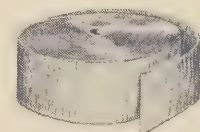
	.010	.020
	Gauge	Gauge
	(Thin)	(Heavy)
1 lb. ....	\$2.60	\$2.25
5 lbs., per lb.....	2.50	2.15

Approximate count—

4-inch, per lb.....3,600 1,800  
5-inch, per lb.....2,900 1,450

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

### TREE WRAP



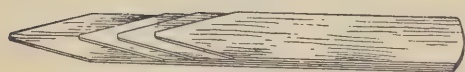
Duplex creped paper. 4 inches wide. 150 feet long. Wt. 2½ lbs.  
Per roll.....\$0.65 10 rolls.....\$6.00



## LABELS AND PACKING MATERIALS

### WOOD LABELS POT LABELS

$\frac{5}{8}$ " Wide



Size	Pounds Per Carton	Prices per 1000	
		PLAIN	PAINTED
4-inch	3½	\$2.90	\$3.40
5-inch	4¾	3.10	3.70
6-inch	5½	3.40	4.15
8-inch	4	5.00	6.20
10-inch	5	6.00	7.30
12-inch	6	7.00	8.60

4", 5", 6", 1000 per carton; 8", 10", 12", 500 per carton. We do not break the cartons.

### GARDEN LABELS

8", 10"— $\frac{7}{8}$ " wide; 12"— $1\frac{1}{8}$ " wide.

Size	Pounds Per Carton	Number Per Carton	Prices	
			Plain	Painted
8-inch	2¾	250	\$ 7.30	\$ 8.50
10-inch	4	250	8.30	9.60
12-inch	2	100	14.00	16.00

We do not break the cartons.

### TREE LABELS—Wired



Packed 1,000 to carton. Weight, 4 lbs.,  $3\frac{1}{2}$ " x  $\frac{5}{8}$ ". We do not break the cartons.

Plain—Per 1000 .....\$3.40  
Painted—Per 1000 ..... 4.20

### LABELS—Celluloid—White

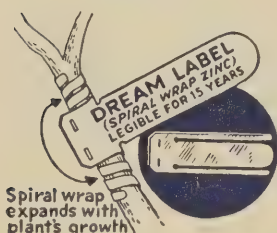
Weatherproof—Wired

No. 515. 3" x  $\frac{1}{2}$ ". Per box of 100.....\$ 1.75  
10 boxes ..... 15.00  
No. 2740.  $3\frac{1}{2}$ " x  $\frac{5}{8}$ ". Per 500..... 8.00

Celluloid Pot Labels

No. 22. 5" x  $\frac{5}{8}$ ". Per 100.....\$3.50

### DREAM LABELS "ZINC"



A permanent zinc label that expands as the tree grows. Size  $1\frac{1}{4}$ " wide, 4" long. The acid etched name and full record of plant plainly legible for 15 years. Eliminates all chance of girdling. Ideal for roses, azaleas, trees, shrubs, etc. Makes a wonderful non-rusting label for pots and perennial beds. Each kit includes a bottle of etchant and an applicator.

Box of 50 labels.....\$ 1.75  
Dozen boxes ..... 14.00  
Case of 1000 labels..... 16.00

### TWISTEMS The Handy Plant Tie



Place 'Twist-ems' around stem and support

Twist ends between finger and thumb

In a "flash" stem is securely tied

	Per box	Per ctn. of 24 boxes
4-inch. Box of 200.....	25c	\$4.00
8-inch. Box of 100.....	25c	4.00
16-inch. Box of 100.....	50c	8.00
Continuous Roll. 250 ft. Each.....	\$1.00	
Carton of 12 rolls.....	8.00	

### BULK

	1,000	5,000	10,000	25,000
4-inch.....	\$0.35	\$ 4.60	\$ 8.90	\$21.00
8-inch.....	1.70	7.95	15.20	36.50
12-inch.....	2.55	11.90	22.90	54.75
16-inch.....	3.40	15.85	30.50	73.00

### PLANT TIES—"Lightning" Wire



Box of 1000.....\$1.95

Shipping wt., 2 lbs.

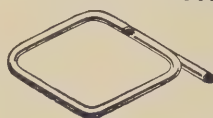
### WEATHERPROOF PENCILS



For marking labels used outdoors. Will not rub off or fade.

Each ..... 10c  
Dozen.....\$1.00 Gross.....\$10.00

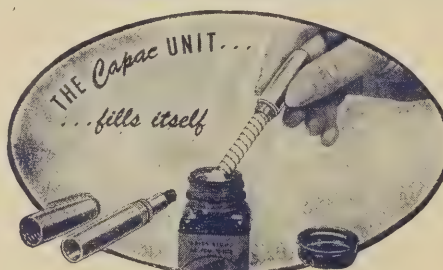
### TAG FASTENERS—Wire



For fastening tags to bags, bales, etc.

Packed 1,000 to a box.  
Each .....\$1.50  
Weight per box, 3 lbs.

### SPEEDRY BRUSHPENS



Instant Drying . . . Will Not Smear . . . Waterproof—Can Be Used On All Surfaces: Wood, Paper, Cellophane, Cardboard.

Just the thing for marking wood labels or addressing shipping tags or cartons. Choice of nibs: Chisel, round or square. Fills by Capac (capillary action).

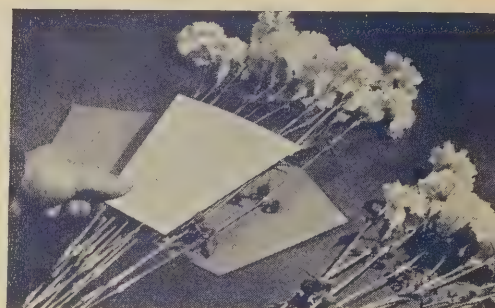
No. 56. All aluminum. Pocket size with clip. With 2 oz. ink...\$3.50 Extra nibs...\$ .45

Jumbo. Oversized. All aluminum. Holds almost 2 oz. of ink. Without ink...\$3.25 Extra nibs \$ .60

Black Speedry Ink

4 oz.....\$ .95 8 oz.....\$1.75 16 oz...\$2.95

### CARNATION PACKS (Berthold-Grigsby)



Your Carnations deserve proper packing

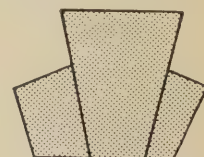
Sold only in original cartons of a full 1000.

1,000.....\$ 31.50 5,000.....\$147.50  
10,000..... 275.00 25,000..... 637.50

### Printing

Printing in one color on face of holder \$3.75 per thousand extra. In amounts of 10,000 or more, one color printing free. (Please state clearly Name, Address, etc., to be used.)

### CARNATION "SAF-PAK"



New one-piece  
Carnation Pack

1,000.....\$31.50 10,000.....\$260.00  
25,000 ..... 600.00

### Printing

One color on face of Pak. Four lines permitted. Additional cost Per 1000

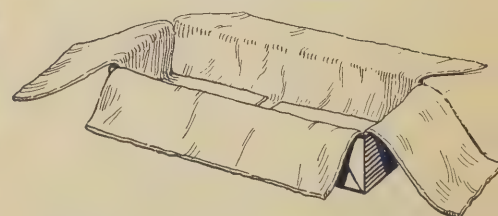
1,000 .....\$3.50  
10,000 or more..... 2.50

### CARNATION STAPLES

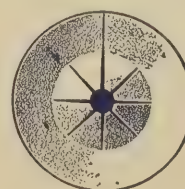
For sewing splits.  
Packages of 1,000..... 40c  
3 Packages .....\$1.05



### COTTON SHEETING For Gardenia Boxes



Cut to fit boxes 21" x 7" x  $3\frac{1}{2}$ "—The standard size Gardenia box. One set to a box.  
Per bale of 500 Sets.....\$43.50



### GARDENIA COLLARS

FOR BELMONT'S

Per 1000 .....\$2.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



# A. F. S. Plant Bands

Grow All Your Plants, Seeds, and Cuttings This Modern Way

This modern method of culture saves time and labor, and assures the highest yield in cut flowers, potted plants, perennials, nursery stock, etc. Saves losses at transplanting time by avoiding a check to root systems. **Buy now for immediate use and for stock on hand.**

## STAPLED WOOD PLANT BANDS



Sturdy plant bands made of cottonwood, securely fastened with two wire staples for quick setup.

Size in inches	Wt. Per 1000	Per 1000	Size in inches	Wt. Per 1000	Per 1000
1 3/4 x 1 3/4 x 2 1/2	33 lbs.	\$4.70	2 1/2 x 2 1/2 x 3	43 lbs.	\$5.50
2 x 2 x 2 1/2	35 lbs.	4.80	3 x 3 x 3	63 lbs.	5.90
2 x 2 x 3	41 lbs.	5.10	3 x 3 x 4	68 lbs.	6.10
2 1/4 x 2 1/4 x 2 1/2	35 lbs.	5.00	4 x 4 x 3	65 lbs.	6.20
2 1/2 x 2 1/2 x 2 1/2	38 lbs.	5.10	4 x 4 x 4	70 lbs.	7.10

Shipped promptly from the factory in Illinois.

## "Easi-Off" WOOD PLANT BANDS



Saves time and labor. Bands are removed without cutting; therefore, the dirt ball and roots are not disturbed. . . .

"EASI-OFF" PLANT BANDS hold nearly three times as much soil as the equivalent sizes in clay pots, allowing a longer growing time without bound roots.

Cat.	Size in inches	Weight per 1000	Per 1000
No. M-310	1 3/4 x 1 3/4 x 2 1/2	18 lbs.	\$4.10
No. M-320	2 x 2 x 2 1/2	20 lbs.	4.50
No. M-340	2 1/2 x 2 1/2 x 3	28 lbs.	4.90
No. M-350	3 x 3 x 3	30 lbs.	5.30
No. M-360	3 x 3 x 4	38 lbs.	5.75
No. M-391	4 x 4 x 4	40 lbs.	6.75

Shipped promptly from the factory in Michigan.

## BIRD Plant Bands

### Vita-Band D

Contains root growth until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Do not remove Vita-Band D when transplanting. Band disintegrates in the soil permitting free growth of roots from time of transplant. Nutrient-treated with quickly available plant food.

### Vita-Band 10

For short growing periods. Will usually contain root growth up to approximately 8 to 10 weeks. Nutrient-treated with quickly available plant food . . . your judgment determines need for additional feeding. Vita-Band 10 is identical to Vita-Band D except Vita-Band 10 is removed at time of transplant. Vita-Band D is not.

### Vita-Band H

The new nutrient-treated successor that replaces Bird Vita-Band 40. Vita-Band H will control root growth of those plants which demand extra-long growing periods.

### PRICES—QUANTITIES—SHIPPING WEIGHTS

VITA-BAND	1 1/2 x 1 1/2 x 2 1/2	1 3/4 x 1 3/4 x 2 1/2	2 x 2 x 2 1/2	2 x 2 x 3	2 1/2 x 2 1/2 x 3	3 x 3 x 3	4 x 4 x 3	4 x 4 x 4
10	\$3.70 per 1000 2000 per case (31 lbs.)	\$4.00 per 1000 2000 per case (36 lbs.)	\$4.55 per 1000 2000 per case (40 lbs.)	\$5.05 per 1000 2000 per case (48 lbs.)	\$6.00 per 1000 2000 per case (59 lbs.)	\$6.90 per 1000 1000 per case (35 lbs.)	\$9.00 per 1000 500 per case (23 lbs.)	\$11.25 per 1000 500 per case (31 lbs.)
D	\$3.85 per 1000 2000 per case (21 lbs.)	\$4.15 per 1000 2000 per case (24 lbs.)	\$4.65 per 1000 2000 per case (27 lbs.)	\$5.35 per 1000 2000 per case (32 lbs.)	\$6.05 per 1000 2000 per case (41 lbs.)	\$7.05 per 1000 1000 per case (24 lbs.)	\$9.25 per 1000 1000 per case (32 lbs.)	\$11.60 per 1000 1000 per case (42 lbs.)
H		\$5.45 per 1000 1000 per case (28 lbs.)	\$5.80 per 1000 1000 per case (32 lbs.)	\$6.90 per 1000 1000 per case (38 lbs.)	\$7.65 per 1000 500 per case (24 lbs.)	\$8.50 per 1000 500 per case (28 lbs.)	\$10.45 per 1000 500 per case (37 lbs.)	\$12.90 per 1000 500 per case (49 lbs.)

SOLD IN CASE LOTS ONLY

F.O.B. CHICAGO, or EAST WALPOLE, MASS.

**NOTE: Quantity Discounts allowed on any items listed on this page:**  
50,000 or over 5%, 200,000 or over 10%.

## BIRD Tom Thumb FLATS



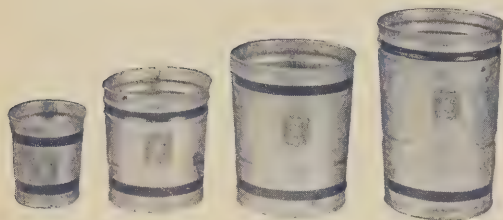
Made of heavy water-proof fiber resinous material. Use with Vita-Bands. The most economical way to sell potted annuals in dozen lots. Potted plants sell easier at premium prices. Build sales and repeat business with easier-to-set-out potted plants in this neat package.

No. 1 for 1 doz. 1 3/4-in. Bands.  
No. 2 for 1 doz. 2-in. Bands.

Tom Thumb Flats Per 1000		Combination 1000 Flats 12,000 Vita-Band 10 Per 1000 Sets	
Size No. 1	Size No. 2	Size No. 1	Size No. 2
\$44.70	\$49.60	\$86.45	\$95.65
250 per case		Sold in Units of 500 Sets Only.	



## CONTAINERS AND POTS

IRON HORSE VASES  
Galvanized

Style	Top Diam.	Height	Each	Dozen
No. 57.....	5"	5"	\$ .75	\$ 8.40
No. 58.....	5½"	6"	.80	8.70
No. 59.....	6½"	7"	1.00	10.80
No. 65.....	7½"	8"	1.20	12.90
No. 66.....	9"	10"	1.45	16.20
No. 68.....	9"	12½"	1.70	18.60
No. 68-B.....	9"	15½"	1.85	21.70
No. 69.....	9"	18"	1.95	23.10
No. 70.....	9"	23½"	2.45	27.60
No. 253.....	4¾"	10"	1.10	12.00
No. 254.....	5½"	11"	1.20	12.90
No. 255.....	6½"	12"	1.30	14.40
No. 256.....	6½"	13½"	1.40	15.60
No. 257.....	6½"	15"	1.50	16.80
No. 258.....	6½"	17"	1.60	17.40
No. 426.....	10"	8½"	1.40	15.60
No. 431.....	11½"	13½"	1.85	21.70

*Vibra-Seeder*

SOWS SEEDS  
EVENLY, QUICKLY  
AND ECONOMICALLY



A battery-operated flower and vegetable seeder for commercial and home gardens—fits palm of hand—will sow row or flat in fraction of time normally required—operating cost one flashlight battery per season. A real time, labor and seed saver. Just press the button and move the seeder along the row. Seeds—either very fine, medium or heavy—will be laid down just where you want them—close together or widely spread.

**VIBRA-SEEDER.** Without battery.

Each .....\$ 1.95  
Dozen ..... 15.60

Flashlight Battery.

Each .....\$ 0.12  
Dozen ..... 1.20

## PALM TUBS

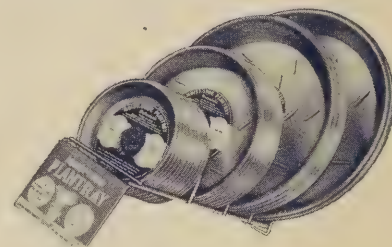


Strongly constructed of wood and held rigid with three steel wire straps. Painted green.

Top Diam.	Depth	Weight	Each	Dozen
7-inch	7"	2 lbs.	\$1.30	\$14.40
8-inch	8"	3 lbs.	1.40	15.60
9-inch	9"	4 lbs.	1.60	18.00
10-inch	9"	4 lbs.	1.80	19.80
12-inch	11"	6 lbs.	2.35	26.40
14-inch	13"	7 lbs.	3.30	37.20
16-inch	15"	10 lbs.	3.90	44.40

**Quantity Discount:** Orders of 250 or more tubs, assorted sizes, can be shipped direct from the factory in Wisconsin at a Discount of 5% from above prices.

## SAUCERS—Rubber—"Plantrays"



Used under Jardinieres and Vases as well as Flower Pots.

	Each	Per doz.
No. 1—Takes up to 6" pot....	\$ .25	\$ 2.50
No. 2—Takes up to 8" pot....	.50	5.00
No. 3—Takes up to 10" pot....	1.00	10.00
No. 4—Takes up to 12" tub....	1.95	20.00

## Display Assortment

Display rack and 12 No. 1 Plantrays, 9 No. 2, 4 No. 3, and 2 No. 4.

Per Ass't .....\$12.95

## PANSY BASKETS

One-quart, two-quart or three-quart size. Shipping wts. per 100:



	100	500	1000
1 Quart.....	\$3.15	\$15.00	\$28.00
2 Quart.....	3.50	17.00	32.00
3 Quart.....	3.90	18.00	34.00

## BIRD PAPER POTS



**VITA-POTS:** Grow and ship in the same pot—saves labor and leaves root ball undisturbed. Nutrient treatment, so successful in Vita-Bands, has now been applied to this sturdy resinous pot. Reduces watering.

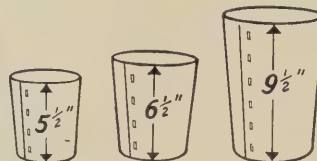
**RED POTS:** For shipping only. Not recommended for growing. Lightweight and sturdily made to protect root ball from breakage—inner wax coating prevents drying out. A must to preserve the top quality of your plants in transit.

Prices per 1000

Size	Vita-Pots	Red Pots
2 -inch .....	\$14.60	\$ 8.60
2¼-inch .....	14.95	8.60
2½-inch .....	15.50	8.70
3 -inch .....	17.40	9.15
3½-inch .....	22.70	12.20
4 -inch .....	25.70	14.70
5 -inch .....	33.40	18.15
6 -inch .....	44.10	22.25

F.O.B. Chicago, or East Walpole, Mass.

## BIRD PERENNIAL POTS



A better perennial pot for roses, vines, shrubs and other perennials. Made of a tough material, with hard, smooth coating inside and out. Solid stapled bottom with openings for drainage.

5" high pot designed for use as a mum pan.

5½" high pot designed for small perennials and bulbs.

6½" high pot designed for larger perennials, junior roses, and vines.

9½" high pot designed for larger roses, large perennials such as peonies, large vines and shrubs.

Height	Top dia.	Weight per 1000	Per case of 200	Per 1000
5 -in	8-in.	325 lbs.	\$12.60	\$60.00
5½-in.	5-in.	165 lbs.	7.70	36.50
6½-in.	6-in.	220 lbs.	11.00	51.50
9½-in.	7-in.	355 lbs.	13.20	62.85

**MINIMUM ORDER:** Case of 200 of one size. Three cases at 1000 price. F.O.B. Chicago or East Walpole, Mass.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## TWINE, TAPE AND STAPLERS

### TWINES ON CONES Sea Island Twine

Green only. 2-lb cone. Put up on cones. Finest quality.

Per cone .....\$ 2.75  
10 cones ..... 26.50

### Cable Cord Twine

Green, white, or red.

A hard twine similar to Sea Island but thinner, harder, and stronger . . . therefore, greater yardage.

Green, Red.  
1½ lb. cone.....\$2.00  
White only.  
2½-lb. cone ..... 2.65



### Parcel Post Twine

Similar to Sea Island but much heavier. Made especially for wrapping florist packages. Dark Green. Put up on cones. Very strong. 1-lb. cone.

Per cone .....\$1.50

### Cone Holders

Each .....\$1.00



### HEAVY TWINE

Sisal, 2-ply, medium.  
10-lb. ball.....\$5.75      50-lb. reel....\$25.00  
Jute, medium.  
10-lb. ball.....\$6.50      50-lb. reel....\$30.00

### COTTON TWINE—3 or 4 Ply—White

Sack of 30 balls (5 lbs.).....\$4.50

### FLORIST THREAD

**AMILSCO.** Very high grade. 2½-lb. box of 12 wooden spools. Per box.\$3.35  
10 boxes ..... 32.00

**BIG CHIEF.** On wooden spools. A new 2-ply rayon green thread of proper strength with much greater yardage per spool. 1-lb. box of 8 spools.  
Per box .....\$ 2.00  
10 boxes for..... 19.00

### NEW BEST-YET

On Wooden Spools

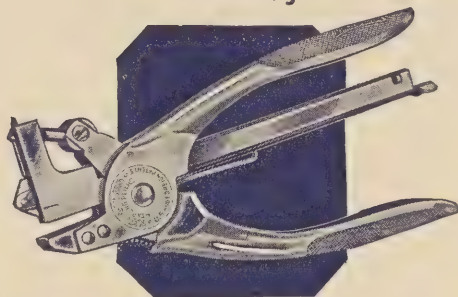
1-lb. box of 8 spools.  
Per box .....\$ 1.90  
10 boxes for..... 18.00

### CORSAGE THREAD.

Box of 12 spools.....\$2.00

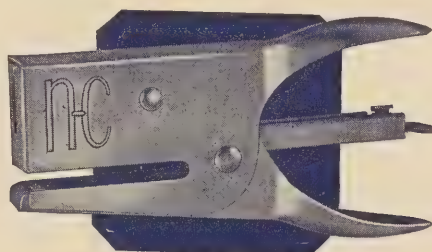


### STAPLERS Neva-Clog



Model S100—Standard Plier

Model S-100—Standard .....\$4.50  
Model B-100—Heavy duty ..... 4.75



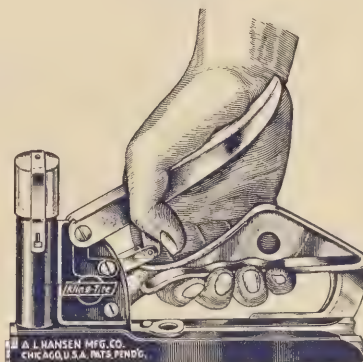
Model J-30—Lightweight.

Model J-30—Lightweight .....\$3.75

### Staples—Neva-Clog

No. A-1000—Standard. For S-100 Plier.  
Per box 10M.....\$3.50  
No. L-1000—Extra Long. For S-100 Plier.  
Per box 10M..... 3.50  
No. B-¾—Standard. For B-100 Plier.  
Per box 5M..... 2.50  
No. DJ-340—Standard. For J-30 Plier.  
Per box 5M..... 1.50

### AUTOMATIC TACKER "HANSEN"



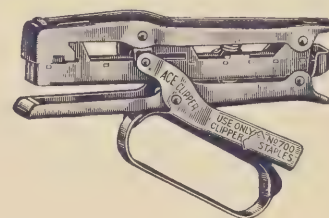
**One-Hand Operation—Zip! Zip! Fast as you grip—with one hand—Kling-Tite drives Tack-Points. Leaves other hand free for holding object tacked. Result—rapid, accurate, neatly finished tacking.**

Model T-3 Tacker.....\$10.00

**Tack-Point. 5000 to box.**

No. 33. 3/16-inch. Box..... 2.00  
No. 34. ¼-inch. Box..... 2.00

### STAPLING PLIER—"Ace Clipper"



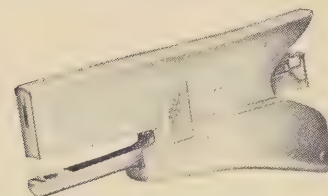
The deep throat, efficiency, and large staple capacity has made these staplers very popular.

No. 702. Each.....\$3.95

Staples: 5,000 per box—210 per strip.

Per box.....\$1.00      5 boxes.....\$4.50  
20 boxes .....\$15.00

### STAPLING PLIER—"Arrow"



New modern design. Entire working mechanism easily removed to clean or eliminate jammed staples.

No. P-22. Each.....\$3.50  
Arrow Staples. Box of 5,000..... 1.00  
5 boxes ..... 4.50

### CORRUGATED BOX STAPLES

Per box of 1,000 (Wt. 1¼ lbs.).....\$0.90  
Staple Driver. Each..... .75

### "BULLDOG" COIN CLIPS

Per box of 1,000.....\$0.75  
10 or more boxes. Each..... .65



### SCOTCH CELLOPHANE TAPE



Tape—Transparent—2 rolls to a Box. ½ inch width.

Box of 2 rolls..\$2.80 6 boxes (12 rolls)..\$15.12

**Definite-Length Dispenser**, shown above, delivers a pre-determined length of Scotch Tape at the touch of a lever. (Wt. 6 lbs.).....\$14.75

**De Luxe Heavy Duty Dispenser.** (Not automatic) for Scotch Tape. (Wt. 4½ lbs.).....\$2.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



**CORONA CLIPPER**

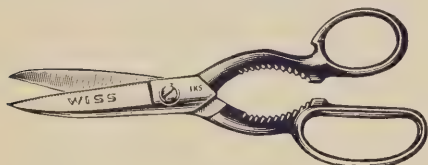
A very handy workroom shear. New, heavy duty style especially designed for the florist.

No. 21-S. Straight blade.

Each.....\$1.85 Dozen.....\$19.60

No. 21-C. Curved blade.

Each.....\$1.95 Dozen.....\$20.40

**UTILITY SHEARS**

Serrated blade. Ideal for cutting wire, rope, twine, ribbon, flower stems, etc.

No. 1-KS. Each .....\$2.25

**FLORIST SHEARS**

"COMPTON"



Heavy blades. Powerful leverage. A very handy, all-around workroom shears. 7½ inches overall.

No. 833U. Straight Edge .....\$2.75

No. 834SU. Serrated Edge ..... 2.95

**PINKING SHEARS**

Aluminum body. Each.....\$7.95

**TIN SNIPS**

For cutting florist wire, galvanized wire, chicken netting, etc.

No. 111. 7½" overall. Each.....\$2.45

No. 11. 9" overall. Each..... 3.00

No. V13. 7" overall. Duckbill type. Each.. 1.00

**RIBBON SHEARS**

Black japanned handles.

9-inch. Each .....\$ 2.50 3 for .....\$ 6.00

6 for ..... 11.50 Dozen ..... 18.00

10-inch. Each ..... 3.50 3 for ..... 9.75

6 for ..... 18.00

**PAPER PLANT SLEEVES—(Lily Tubes)**

Paper Tubes made of 40-lb. Kraft paper for wrapping lilies, poinsettias, mums, and similar plants. Tapered to fit pots.

**Easy to Use:** Just slip over plant—Staple Top—Presto! Your plant is wrapped quickly and neatly at a big savings in labor and time.

Pot Size	Use	Height	Top Diam.	Per 100	Per 1000
5"	Lily	36"	12"	\$2.65	\$22.00
5½"	Lily	36"	12"	2.75	22.50
6"	Azalea	24"	15½"	2.25	18.50
6"	Lily	36"	15"	2.95	23.75
6"	Poinsettia	30"	17"	3.00	24.10
6"	Mums or Lge. Poin.	36"	19"	3.75	32.50
7"	Lily	36"	16¼"	3.10	24.50
8"	Lily	42"	18½"	3.75	32.50

**CELLOPHANE PLANT SLEEVES**

Transparent moisture-proof cellophane plant sleeves give protection against frost, but do not conceal beauty of your potted plants. Packed 10 sleeves per nest, 500 sleeves per carton. We do not break cartons.

Pot Size	Height	Bottom Width	Top Width	Per 500	Per 1000
4"	19"	7¼"	12¼"	\$10.00	\$18.20
4"	24"	7¼"	12½"	12.75	22.75
5"	19"	8¼"	14"	11.75	21.00
5"	24"	8¼"	14"	14.70	26.25
6"	22"	9½"	13"	13.25	23.70
6"	19"	10½"	15¼"	13.00	23.10
6"	24"	10½"	15¼"	16.00	28.70
6"	29"	10½"	16"	20.00	35.70
6"	38½"	10½"	16"	26.65	47.60
7"	30"	12"	19"	24.00	43.40
8"	30"	13½"	19¼"	24.50	44.06

**CELLOPHANE SHEETS**

Moistureproof cellophane in sheets for wrapping flowers. Gives added protection and sales appeal.

	Wt. per 1000 sheets	1000 sheets	10,000 sheets
20" x 24" sheets, 26 lbs.....	\$10.50	\$100.00	
20" x 30" sheets, 33 lbs.....	13.10	125.00	
24" x 36" sheets, 48 lbs.....	18.90	180.00	

F.O.B. Highland, Ill.

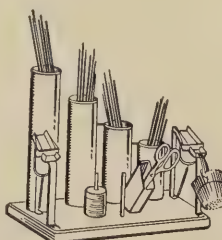
**STEM STRIPPER**

Dethorns roses, and removes excess leaves from all types of stems in one quick operation. A great labor saver. Each.....\$2.00

**UTILITY HOLDER**

4 tubes for wires, 2 clamps for wired picks, 2 poles for spools of thread and a holder for workroom shears.

Each .....\$5.50

**FLORIST CARDS**

THE JOHN HENRY LINE



6258

Consist of: Sympathy Cards, Holiday Cards, Birthdays, Speedy Recovery, Congratulations, Greetings, Mother and Baby—in fact, a card for every need.

100..... 70c 500.....\$ 3.35  
1000.....\$4.95 5000..... 22.50

PACKED: In packets of 50 of one style in a glassine envelope. This assures cleanliness and economy.

Special assortments for your convenience:

No. 1—500 Christmas Cards—Assorted.

No. 2—500 Mother's Day Cards—Assorted.

No. 3—500 Easter Cards—Assorted.

No. 4—500 Sympathy Cards—Assorted.

No. 5—500 Everyday Cards—Assorted.

**PLAIN CARDS**

Finest Quality of Cardboard. Your Pen Will Not Scratch. The Ink Will Not Smudge.

Per box of 500—Wt. 2 lbs.....\$ 1.80  
1000.....\$2.55 5000..... 11.00

**LARGE SYMPATHY CARDS**

Size: 3" x 5".

High quality, steel-engraved, paneled cards.

50 cards and 50 glassine envelopes.

Per box .....\$1.60

5 boxes ..... 6.75

**WHITE ENVELOPES**

Size of Envelopes 2¼" x 3¾".

PLAIN—Per box of 500.....\$ 2.20

1000.....\$3.45 5000..... 16.25

**GLASSINE ENVELOPES**

2½" x 4¼" with metal eyelet.

Box of 500.....\$4.00

**CELLOPHANE ENVELOPES**

2½" x 4¼" with metal eyelet.

Box of 500.....\$6.50

**WINDOW TAG ENVELOPE**

White envelopes with cellophane window and space for address.

With eyelet. 3" x 4½". Box of 5000.....\$ 7.45

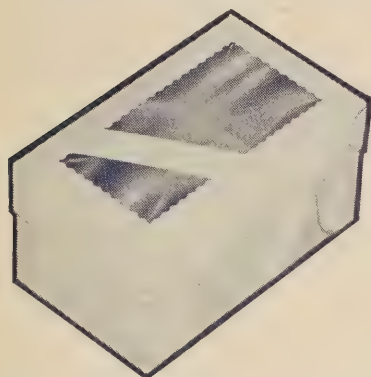
1000.....\$10.60 5000..... 49.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## PAPER AND BOXES

### TRANSPARENT TOP BOXES



Excellent quality white cardboard boxes with cellophane window in top.

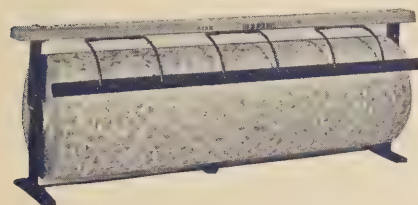
Size	50	100
9x5x4 inch .....	\$5.90	\$11.50
12x5x4 inch .....	6.50	12.50
10x6x5½ inch .....	7.90	15.00

#### Important! Minimum Order Charge

Because of the high cost of labor and packing materials, it is necessary for us to make a SERVICE CHARGE of \$1.00 on all orders under \$5.00. Please include in your orders some additional items to make your order a minimum of \$5.00 and avoid the extra service charge.

Also, be sure to include sufficient postage for small shipments. See table on page 96.

### WRAPPING PAPER



Our Own Pattern Wrapping Paper  
"Mother of Pearl"

	Green
24-inch roll .....	\$ 8.75
30-inch roll .....	10.75
36-inch roll .....	13.00

### BROWN KRAFT PAPER

30 lb. weight. No. 1 grade.	
24-inch roll. ....	\$5.25
30-inch roll. ....	6.75
36-inch roll. ....	8.25

### PAPER CUTTERS

Width—24" Width—30" Width—36"	
Per cutter, complete.....	\$3.85

### GUMMED TAPE—Brown

Finest quality available. It really sticks. 3" wide. Per roll.....\$1.40 10 rolls.....\$13.50

### CELLOPHANE ROLLS

Clear moisture-proof cellophane.	
Length Width Width	
50-ft. rolls: 20".....	\$ .85 40".....\$1.70
100-ft. rolls: 20".....	1.35 40".....2.70

### SHREDDED CELLOPHANE

Clear, makes fine packing for orchids, etc.  
Per lb.....60c 5-lb. ctn.....\$2.75

### CORSAGE BOXES

Our finest grade—exclusive pattern

"Mother-of-Pearl" Jade Green

	50	100
8 x 5 x 4 inch.....	\$3.85	\$ 7.50
12 x 5 x 4 inch.....	4.55	8.90
10 x 6 x 5½ inch.....	5.60	11.00
12 x 8 x 5½ inch.....	6.85	13.50

### CUT FLOWER BOXES

"Mother-of-Pearl" Jade Green

	50	100
24 x 5 x 3½ inch.....	\$ 6.30	\$12.40
30 x 5 x 3½ inch.....	7.80	15.40
36 x 6 x 4 inch.....	11.20	22.10
24 x 8 x 5 inch.....	9.60	19.00
28 x 8 x 5 inch.....	10.55	20.80
36 x 8 x 5 inch.....	13.55	26.80
30 x 12 x 6 inch.....	16.60	32.90
36 x 12 x 6 inch.....	20.75	41.20
30 x 14 x 8 inch.....	23.40	46.50
36 x 14 x 8 inch.....	29.80	49.30

50 complete boxes of one size wrapped in a package. We do not break packages.

### PRINTING

Cut Flower Boxes and Corsage Boxes may be imprinted with your name, address, telephone number, and F.T.D. or T.D.S. emblem or your own trade mark.

Per 1000 boxes, any size.....\$4.50  
(Minimum printing charge, \$4.50)

### WATERPROOF CREPE PAPER



Colors: White, light pink, rose pink, Nile green, grass green, moss green, French blue, Mexican blue, red, yellow, purple, lavender.

20" wide. Per roll of 10 ft.....\$ .45  
Case of 50 rolls.....21.00

### FLORIST FOIL

Satin Sheen, Polka Dot, or Grape Leaf. Colored on one side, silver on the other. Best quality. 20 inches wide. Colors: Nile green, medium green, chartreuse, pink, gold, orchid, fuchsia, dark blue, sky blue, copper, red, violet, silver, white, moss green. 50-foot rolls.

	Each	Dozen
Satin Sheen .....	\$1.40	\$16.20
Polka Dot .....	1.50	17.40
Grape Leaf .....	1.50	17.40

### WHITE TISSUE

Very finest grade white glazed. 11-lb. basis tissue.

480 count reams. Per ream. Each.....\$ 3.60  
Per bundle of 10 reams.....35.00

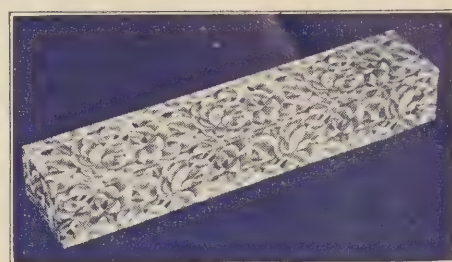
### WAX TISSUES

Finest quality. 10-lb. basis. Waxed Tissues. Sheets 24"x36". 480 count reams.

WHITE. Per ream.....	\$ 3.75
5 reams for.....	18.25
GREEN. Per ream.....	3.75
5 reams for.....	18.25

### SHREDDED WAX TISSUE

WHITE. 10 lb. ctn.....\$3.00



### CORSAGE and CUT FLOWER BOXES

A good grade, inexpensive box.

SOLID MIST GREEN

	50	100
6 x 4 x 3 inch.....	\$ 2.25	\$ 4.00
8 x 5 x 4 inch.....	3.00	5.50
12 x 5 x 4 inch.....	3.50	6.40
10 x 6 x 5½ inch.....	4.20	7.70
24 x 5 x 3½ inch.....	5.00	9.30
30 x 5 x 3½ inch.....	6.00	11.30
36 x 6 x 4 inch.....	8.50	16.30
24 x 8 x 5 inch.....	7.60	14.40
28 x 8 x 5 inch.....	8.25	15.70
36 x 8 x 5 inch.....	10.60	20.30
30 x 12 x 6 inch.....	13.00	24.90
36 x 14 x 8 inch.....	19.50	37.30

### ONE-PIECE CORSAGE BOXES

9 x 5 x 4 inch. Per 100.....\$4.00  
12 x 5 x 4 inch. Per 100.....5.25



### COLORETTES and CONSERVETTES

COLORETTES. Beautiful color-printed cellophane doilies make ideal pot covers. In green, pink, light blue, orchid, yellow and white. Per 25 ft. of one color.....\$2.00

CONSERVETTES. Lace-printed cellophane corsage bags.

	Per 100	Per 1000
No. 1—6 x 4 x 14¾ ins.....	\$3.25	\$31.50
No. 2—5 x 3¼ x 13½ ins.....	2.50	24.00

### CLEAR CELLOPHANE BAGS

	Per 100	Per 1000
Large. 5" x5" x14¾".....	\$2.80	\$26.25
Medium. 6" x3½"x13" .....	2.10	19.50
Small. 4" x2¾"x 9" .....	1.10	10.00
1-lb. 3½"x2¼"x 7¾".....	.85	8.00

### BEAUTY CORSAGE BAGS

Moisture-proof lace corsage bags with colored cardboard backs.

	Per 100	Per 1000
No. 1-B—5" x3½"x15¼".....	\$4.25	\$39.90
No. 2-B—4½"x2¾"x13½".....	3.85	36.25
No. 3-B—4½"x2¾"x11" .....	3.00	28.00
No. 4-B—4" x2¾"x 9" .....	2.50	23.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## WEDDING AND CORSAGE SUPPLIES



**MUFF.** White satin, without streamers.  
Each .....\$2.40



**RING BEARER PILLOWS.** White satin, 8"x10".  
Lace edge.  
Each .....\$1.60



**SATIN FAN.** White, 12" overall.....\$1.65  
**LACE FAN.** White, 12" overall..... 2.00

### BRIDAL PRAYER BOOK

Roman Catholic Missal, complete. Beautiful white Mother of Pearl binding with leaves edged in gold and embossed with floral design. Fine paper Cover 6" x 3".  
Each. (Retail list \$7.50).....\$5.00

### AISLE CLOTH

White duck, 36" wide. Hemmed.  
50 ft.....\$16.00 75 ft.....\$22.75  
100 ft..... 30.00 150 ft..... 42.75

### CORSAGE FEATHERS

Heavy plumage. Uniform size. 25 of one color packed in a neat glassine bag. Colors: Pink, orchid, pale blue, Nile green, yellow.  
Per 25.....\$0.00 Per 100.....\$3.25



### KABER KLIPS

Make Fastening Difficult  
Corsages Easy

Plastic bands with  
metal fingers  
to hold corsage.

WRIST KLIPS. Box of 12.....\$1.10  
HAIR KLIPS. Box of 36..... 1.35  
HEADBAND KLIPS. Box of 10..... 2.00  
BARE SHOULDER KLIPS. Box of 10..... 2.50  
PRAYER BOOK KLIPS. Box of 12..... 1.10

### CORSAGE SHIELDS

SHOULDER or WRIST.  
Specify which. Plain  
Sateen. Per doz. \$0.50



### FANCY CHIFFON WRIST SHIELDS

Per dozen .....\$2.10

### SAFETY CORSAGE BUCKLES

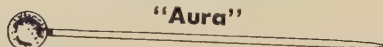
Packed 50 to a box.  
Per box .....\$1.75



### CORSAGE PINS

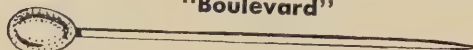
#### "Aura"

Round pearl-head, 2-inch white or assorted.  
Per gross.....\$0.75 10 gross.....\$7.00  
2½" White or assorted. Per gross.....\$0.75



#### "Boulevard"

Pear-shaped head. Pearl, 2-inch. White or  
assorted colors.  
Per gross.....\$0.95 10 gross.....\$9.00



### BOUTONNIERE PINS

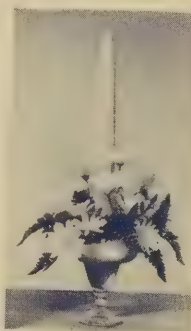
White pearl, 1½ inch.  
Per gross.....\$0.75 10 gross.....\$7.00  
Black glass head. 1½ inch.  
Box of 250.....\$1.00 5 boxes.....\$4.50

### BANK PINS

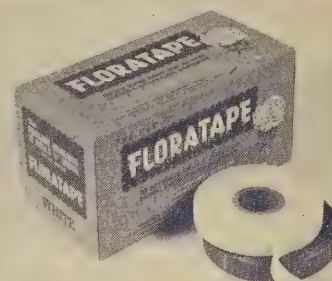
No. 1, 2, or 3. Per ½ lb. box.....\$0.75

### "CANDLELIGHT AND FLOWERS" SET

Charming set in gift  
box, consisting of two  
graceful candleholders  
and two king-size can-  
dles. Candleholder  
widens at the top to  
hold either a few flow-  
ers or a larger arrange-  
ment in Sno-pak. White  
candles.  
Per set .....\$2.50



### FLORATAPE



White, Green, Brown, or Orchid. Put up on  
½-inch rolls. Two rolls are wrapped into a  
twin package. Per twin package.....\$0.40  
Per box of 6 twin packages..... 2.20

### PARAFILM

Unexcelled as an attractive and stainproof  
stem wrap; unusually flexible, self-sealing and  
waterproof.

Colors: White, medium Green, Metallic Green,  
Fuchsia, pale Orchid and Gold. Each roll 90  
feet long, ½ inch wide.

Per twin package.....\$0.45  
Box of 6 twin packages..... 2.50

### CHENILLE—All Colors Regular Chenille

Purple, Orchid, White, Green, Red, Yellow,  
Blue. 12-yard skeins. Each.....75c

### Corsage Stems

Chenille in 12-inch lengths. Colors: White,  
pink, yellow, gold, light blue, orchid, purple,  
Nile green, moss green, chartreuse, better  
times, red.

Per 100.....\$0.60 Per 1000.....\$5.50

### GLITTER STEMS

Tinsel stems, 12 inches long. Colors: Silver,  
gold, red, green, light blue, aqua, orchid, bet-  
ter times.

Per 100 .....\$1.25 Per 1000 .....\$11.75

### BOUQUET HOLDERS

Used as background for Colonial Bouquets and  
Corsages. Two styles: Lace paper. White only.  
Cellophane. Colors: White, Pink, Yellow, Blue,  
Nile, Orchid.

Inside Meas.	Outside Meas.	Lace Paper Per doz.	Cello- phane Per doz.
1½"	3¾"	.....\$0.50	.....\$0.55
2"	4½"	......60	......70
2½"	5½"	......70	......95
3"	7¼"	......80	.....1.10
3½"	8"	......85	.....1.20
4"	8¾"	......95	.....1.45
4½"	9¾"	.....1.05	.....1.70
5"	11¼"	.....1.40	.....2.25
6"	13"	.....1.75	.....2.60
7"	10½" Heartshape	.....	.....2.75

### CANDLES—Hand Dipped

Will not drip or wilt. Colors: White, Old  
Ivory, Pink, Blue, Peach, Yellow, Red  
and Xmas Green.

	Per dozen	Per gross
10-inch	.....\$0.90	.....\$10.24
12-inch	..... 1.10	.....12.16
15-inch	..... 1.30	.....14.54
18-inch	..... 1.45	.....16.64



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## CUT FLOWER PRESERVATIVES



### "CONSUMER" 10c Size

25 2-qt. packets.....	\$ 1.25
100 2-qt. packets.....	5.00

### Printed Packages

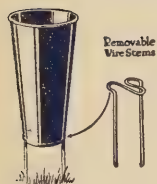
Imprinted with your name, address and phone number.

500.....	\$25.00	1000.....	\$40.00
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### BULK FLORALIFE

30-qt. size (\$1 retail seller).....	60c
100-qt. size (\$3 retail seller).....	\$ 1.75
250-qt. drum (10 lbs. net).....	4.00
500-qt. drum (20 lbs. net).....	7.50
1000-qt. drum (40 lbs. net).....	13.50
2000-qt. drum (80 lbs. net).....	25.00

### CEMETERY VASES



Well made with removable wire prongs, painted green.

Medium size, 6¾-inch depth. 4-inch top diameter.

#### No. 2A

Per dozen .....	\$ 1.90
Per gross .....	20.50

Large size. 8-inch depth, 4½-inch top diameter.  
No. 3A. Per dozen..\$2.50 Per gross..\$28.00

### CEMETERY BOUQUET HOLDERS

A cemetery vase that can be leveled flush with the ground when not in use. Adjustable to 3 heights. 4½" x 8". Green enameled. Cannot upset. Per dozen., wt. 22 lbs.....\$11.00



### BLOOMLIFE'S FLOWER PERFUME

Something brand new to restore bloom and plant fragrance! Contains precious essential flower oils. Use on individual flowers, corsages, arrangements, plants, ribbons, boxes. Economical because it's powerful—just one short spray does it. In handy spray can.  
Rose, Carnation, Mum-Pompom...\$3.50 per Tin  
Orchid, Violet, Blooming Plants  
and Greens .....\$4.00 per Tin

### BLOOMLIFE WITH HORMONES (SPECIAL FORMULA)



### "BULK" Sizes—Commercial

50-qt. size. Each.....	\$ 1.00
100-qt. size. Each.....	1.75
200-qt. size. Each.....	3.25
500-qt. size. Each.....	7.50
1000-qt. size. Each.....	13.50
2000-qt. size. Each.....	25.00

### BLOOMLIFE

Cut flowers will last 2 to 5 days longer if you send a package with each order.

10c size enough to make 2 qts.

25 Pkgs.....	\$1.25
100 Pkgs.....	5.00

### Printed Packages

Imprinted with your name, address and phone number.

300 .....	\$15.00
1000 .....	40.00

### SPRAY-O-NAMEL



Enamel paint in handy aerosol dispenser. Just press button and spray. For retouching old baskets and pottery, and for decorating foliage, etc. Colors: White, dark or light green, red, silver, gold, copper-tone yellow, baby blue, black, pink, orchid, ivory, chartreuse, and clear plastic.

12-oz. can.....	\$1.20	Dozen.....	\$13.18
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### BLOOMLIFE'S FLOWER TINT

No-rinse dye in easy-to-use spray cans. Ideal for tinting arrangements, corsages, Styrofoam and faded window silks and backgrounds. Will not harm delicate blooms, ferns or display materials.

Colors: Red, Blue, Green, Pink, Yellow, Wine, Violet, Fuchsia and Chartreuse.

Per 12-oz. spray can....	\$1.85
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### FLORADYE

Immersion dye. Just dip, rinse and dry. In a matter of seconds flowers are thoroughly dyed whatever color you desire.

Colors: Pink, Light Pink, Yellow, Golden-Yellow, Joanna Hill, Orange, Blue, Light Blue, Aqua, Green, Nile-Green, Lavender, Violet, Purple, Fuchsia, Red, Maroon, Coral, Black.

8 oz. ....	\$1.00	Qt. ....	\$2.50
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### BLOOMTINT—Liquid

Absorption dye. Per package.....60c  
Colors: Blue, Red, Pink, Orange, Yellow, Violet, Lavender, St. Patrick's Day Green.

### BLOOMTINT POWDER

Just dust on flowers. Colors: Pink, Blue, Green, Red, Yellow, Lavender.

Per 1½-oz. pkg.....	35c
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## Aladdin

### Vitalizer for

### Cut Flowers and Plants

### Amazing Scientific Discovery

Prolongs life up to 30 days—Brighter colors  
Larger florets—less dropping—Larger heads  
Less waste—Slime-free containers  
Works in high or low temperatures

### CONSUMER 25c SIZE

24 pkts Display.....	\$ 2.40
288 pkts. ....	28.80
1000 pkts. ....	90.00
5000 pkts. ....	425.00

### BULK ALADDIN

34-gal. size .....	\$ 3.00
112-gal. drum .....	9.50

## Glass Sparkle

Ground glass in beautiful, sparkling colors: Silver, gold, red, blue, green, black, white. Use for writing names on ribbon with STICK QUICK CEMENT, or sprinkle on flowers or foliage after dipping or spraying with PLANT GLAZE.

4-oz. bottle.....	\$0.40	¾-lb.....	\$1.00
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### STICK QUICK CEMENT

Ideal for securing fresh cut flowers to ribbons, malines, and most other materials. For use with fans, hair arrangements, and novelties, and for fastening ribbons and tapes to wires and stems.

3-oz. bottle or tube.....	60c
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### FLORAWAX

Florawax protects your set pieces against wilt. Works like magic. Set pieces stay crisp and beautiful! (Full directions and details on label.)

1 gallon ....	\$2.50	5 gallon drums....	\$10.00
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### PLANT GLAZE

A transparent plastic wax that helps prevent wilting due to dehydration, adds beautiful luster to blooms and leaves. Use for set pieces, designs, corsages, ferns and leaves. Will not discolor or destroy flower fragrance. Dip, spray, or wipe on.

Quart.....	\$1.00	Gallon.....	\$2.50
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Gives leaves an amazingly beautiful luster. Just spray or dab on leaves once a month.

Leaves become greener, glisten and sparkle.  
6 oz. (50c seller) Ctn. of 24.....\$ 6.50  
Spray top for above (18c). Ctn. of 24... 3.00  
Qt. (\$1.40 seller). Ctn. of 12..... 10.10  
Gallon (for Florists' use). Each..... 2.00

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# SUPPLIES FOR THE FLOWER SHOP

## GOLD LETTERS and NUMBERS

A to Z. 1 to 9.

25 of a letter to the package.

100 letters, 4 pkgs.

Per 100 letters..... 20c

Per 1,000 letters.....\$1.80



## Compartment Boxes for Gold Letters



A Black Box, 14 inches square and 2½ inches deep, with 36 compartments to hold A to Z in letters and 1 to 10 in numbers.  
Each .....\$1.10

## GOLD SCRIPT—Words

10 of a word to the package.

Per package (10 words)..... 15c

Per 10 packages (100 words).....\$ 1.40

Per 100 packages (1,000 words)..... 12.00

## LODGE EMBLEMS—Gold Paper

Square and Compass, Elks, Eastern Star, Knights of Columbus, Kiwanis, Rotary.  
(Size: Fits nicely on a 5-inch ribbon.)

Pkg. of 10 of one kind.....\$0.50

10 pkgs. .... 4.50

## AMERICAN LEGION EMBLEMS

7-inch cardboard. Each.....75c



## ANNIVERSARY EMBLEMS

Silver "25" or Gold "50."

2-inch. Pkg. of 25.....60c

5-inch. Each .....20c

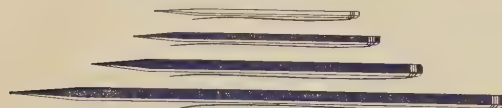
## CLOCK DIALS

Purple background. White letters and hands.



7-inch.....20c 9½-inch.....40c

## WIRED PICKS—American



2½" White.	Box of 10,000.....	\$ 4.75
2½" White.	Case of 50,000.....	22.35
3" Green.	Box of 8,000.....	6.75
3" Green.	Case of 40,000.....	30.25
4" Green.	Box of 4,500.....	5.75
4" Green.	Case of 10,000.....	11.75
6" Green.	Box of 3,000.....	4.95
6" Green.	Case of 10,000.....	15.25

## UNWIRED PICKS—Green

3"—Box of 1,000.....	50c
3"—Case of 20,000.....	\$7.35
4"—Box of 4,000.....	2.75
4"—Case of 10,000.....	6.20
6"—Box of 3,000.....	2.75
6"—Case of 10,000.....	8.65

## AFS—HEADQUARTERS FOR FLORIST WIRE

Finest quality—Soft annealed—Clean and straight as an arrow. In 12-lb. boxes, packed six to the case. Cut 18 inches.

### BRIGHT ANNEALED

Cut 18 inches

Gauge	Per box	Case of 4 boxes
16 .....	\$2.35	\$ 9.20
18 .....	2.60	10.20
19 .....	2.70	10.60
20 .....	2.80	11.00
21 .....	2.90	11.40
22 .....	3.00	11.80
24 .....	3.50	13.60
26 .....	4.00	15.60
30 .....	4.50	17.60

### GREEN ENAMELED

Cut 18 inches

Gauge	Per box	Case of 6 boxes
18 .....	\$3.40	\$20.10
19 .....	3.50	20.70
20 .....	3.65	21.60
21 .....	3.75	22.20
22 .....	3.90	23.10
24 .....	4.50	26.40
26 .....	5.50	32.40


## STICK WIRE—Malin's



THE MALIN &amp; CO., CLEVELAND, O.

Soft, bright annealed. ¼-lb. sticks.

### STONE WIRE

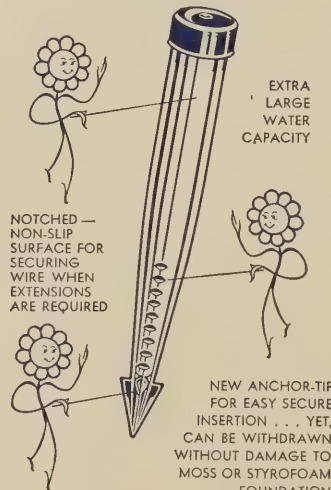


Wire, soft annealed, 12-lb. stones.

Gauge	Per stone	Gauge	Per stone
18.....	\$2.50	22.....	\$2.90
19.....	2.60	24.....	3.10
20.....	2.70	26.....	3.50
21.....	2.80		

Gauge	Per stick	Per box of 20 sticks
22 .....	\$0.25	\$2.50
24 .....	.30	3.00
26 .....	.35	3.35
28 .....	.40	4.10
30 .....	.45	4.55
34 .....	.55	5.75
36 .....	.65	7.00

## AQUAPICS



The new "400" Aquapic is 4 inches long and has Anchor-Tip. The corsage size is 2" long and has a straight tip.

No. 400. Per 100....	\$2.50	Per 1000....	\$22.50
Corsage. Per 110....	2.50	Per 1100....	22.50

## TOOTHPICKS—World's Fair

Natural, double-pointed round.

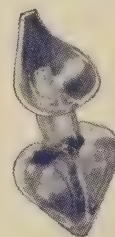
Box of 1,000.....	30c	24 boxes.....	\$6.00
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## STEELPIX

2½". Case of 12,000.....	\$18.40
3". Case of 10,000.....	18.00
4½". Case of 6,000.....	12.70

## PLASTIC AQUAPIN

THE "SWEETHEART" of LAPEL BUBBLE VASES  
Beautiful Heart-shape design. Non-breakable crystal clear plastic. Flat back—"No Bobble"—stays put.

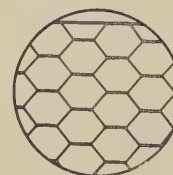


Aquapin holds ample supply of water to prolong beauty and crisp freshness of the most perishable flowers. Three colors: clear, orchid or green.

Per box of 6 doz.....\$6.00

## CHICKEN WIRE

For design work and centerpieces. Galvanized 20 gauge wire, 1-inch mesh, 150 ft. rolls.



Width	Shipping Wt.	Per Roll
12-inch .....	17 lbs.	\$ 3.35
18-inch .....	24 lbs.	4.95
24-inch .....	30 lbs.	6.35
36-inch .....	43 lbs.	9.25
48-inch .....	56 lbs.	12.35

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## SUPPLIES FOR THE DESIGNER

### HANGING BASKETS

These are made of strong wire, sturdily built for long service, painted green.

Measure diameter of largest ring.

	Each
10 inch .....	40c
12 inch .....	50c
14 inch .....	60c
16 inch .....	80c



### WREATH ROLLS—3-inch

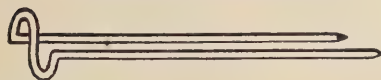


Green.

Wax paper rolls, for wrapping mossed wreaths and designs. Full sized rolls. Fresh stock. Will not stick together. Packed 12 rolls to the box.

Per box .....\$3.25

### "PHILLY" FERN PINS



Greening Pins.

10-lb. carton .....\$3.50

### SPRAY HANGERS—"James"

Very strong hooks. For hanging up or arranging Sprays, Wreaths, etc.

The Florists' and Undertakers' Friend.

Per doz.....75c      4 dozen.....\$2.32

### DOVES



Beautiful, pure white birds.

Medium. Green label. Each.....\$2.50

Extra Large. Blue label. Each..... 3.00

Small. Japanese. Each..... 1.50

Artificial Storks, 9-inch. Per dozen..... 2.35

### MOSS FILLED WREATHS AND DESIGNS

Save Time in Making Up Sprays and Wreaths

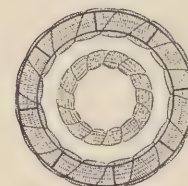
Machine made, moss filled nets, filled with finest grade of dry Sphagnum Moss. Always ready to use.

#### Spray Bars

Length	Each	Length	Each
12" x 3½".....	28c	18" x 3½".....	41c
14" x 3½".....	31c	20" x 3½".....	45c
16" x 3½".....	35c		

#### Wreaths

Size	Each	Size	Each
10".....	37c	20".....	80c
12".....	43c	22".....	88c
14".....	52c	24".....	98c
16".....	61c	27".....	\$1.23
18".....	69c	30".....	1.57



#### Crosses

Size	Each	Size	Each
18".....	74c	24".....	\$1.04
20".....	83c	27".....	1.17
22".....	93c	30".....	1.36

### STYROFOAM BLOCKS

Sensational snow-white plastic. Can be cut with knife to size desired for centerpiece work or for design framework. 36x12x2 inches.

1 Bar.....\$1.40      6 Bars.....\$7.50

### STYROFOAM HEARTS

8-inch. White. Each.....35c  
12-inch. White. Each.....65c

### SNO-PAK

Revolutionary new floral base. Saves wire, picks, labor. Replaces old-fashioned dry spray-bars, mossed wreaths, and flower frogs. For floral pieces, sprays, baskets, vases, centerpieces, etc. SNO-PAK locks the water in its cells, holds flower stems in a cool, moist grip. (To use, soak SNO-PAK in plain water or in FLORALIFE solution.)

Case of 18 Bricks.....\$ 8.65

Jumbo Case of 48 Bricks..... 20.38

SHREDDED. 1 bushel bag..... 2.40

3 bushel bag..... 6.90

SHREDDED. Consumer boxes (95c Retail).

Case of 12 boxes..... 6.84

### "TERRALITE" VERMICULITE

An ideal material to use in vases and centerpieces. Just fill container with Terralite, saturate with water, pour off excess, and insert flowers.

4 cu. ft. bag.....\$1.50      10 bags.....\$14.50

### GREEN WIRE EASELS

Size	10	50	100
21".....	\$1.70	\$ 8.00	\$15.00
24".....	1.80	8.50	16.00
27".....	2.10	9.75	18.50
30".....	2.30	11.00	21.00
36".....	2.80	13.25	25.50
42".....	5.00	24.00	47.00
48".....	6.50	31.50	60.00

### WHITE WOOD EASELS

Packed one dozen to package. We do not break packages.

Size	Dozen	Size	Dozen
36".....	\$6.50	54".....	\$ 8.20
42".....	6.90	60".....	9.00
48".....	7.40	66".....	11.90

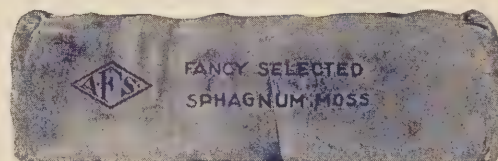
### WIRE WREATH FRAMES

	Per 25	Per 50	Per 100
10".....	\$2.25	\$ 4.20	\$ 8.00
12".....	2.75	5.10	9.75
14".....	3.25	6.00	11.25
16".....	3.50	6.50	12.50
18".....	5.00	9.10	17.50
20".....	6.25	11.50	22.00
22".....	7.50	14.00	26.75
24".....	9.25	17.50	33.50

### WIRE CASKET PLAQUES

Size	Bundle of 10	Size	Bundle of 10
12".....	\$3.60	30".....	\$5.00
18".....	4.00	36".....	6.00
24".....	4.50		

### SPHAGNUM MOSS



Carefully selected. Finest quality. Free from sticks and other refuse. Gathered from the finest swamps.

Full size bales. Approximately 48" x 16" x 14".

Per bale.....\$2.50      10 bales.....\$24.00

25 bales .....\$56.25

### SHEET MOSS

Available in late spring only.

Bag .....\$2.50

Large bale, large sheets ..... 4.50

### GREEN BURLAP

For making casket covers. 36 inches wide.

Per yard .....\$ 0.50

Bolt of 50 yards ..... 20.00

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# ARTIFICIAL FLOWERS AND PREPARED FOLIAGES

## STAR FLOWERS



Tiny miniature straw flowers.

Flowers approximately 1/4 inch diameter.

### 12 Beautiful

#### Colors:

Light Pink  
Dark Pink  
Light Blue  
Dark Blue

White

Yellow

Green

Lavender

Red

Autumn

Orange

Fuchsia

Each bunch contains one color only.

Per 1-oz. bunch .....\$0.25

Per lb. .... 3.00

## ERIANTHUS PLUMES

Colors: Pink, blue, yellow, green, chartreuse, or assorted. Box of 50.....\$2.95

## LYCOPodium—Green

10 lbs. ....\$3.40 25 lbs. ....\$ 8.00

100 lbs. .... 29.50

## PEPPERGRASS

Colors: Silver, red, green, pink-white, orchid-white, green-white, pink-blue, white-yellow, red-white.

Per lb. ....\$0.90 Per 10 lb. carton ....\$8.00

## VIOLETS

### Celluloid

### Imported

Purple, red or white.

Per gross .....\$1.25

## VIOLET LEAVES

### Celluloid

Per gross .....\$1.25



## NATURAL GYPSOPHILA

California Beauty. Select grade.

Per bunch .....\$ 1.25

Per case of 10 bunches..... 10.50

## FALL FOLIAGES

Available in Fall of the year only.

CATTAILS. Natural. Pencil thickness.

Per 100.....\$1.50 Per 1000.....\$14.00

OAK, SHORT. Red, green, or brown.

10 lbs. ....\$4.30 25 lbs. ....\$9.95

OAK, LONG. Red, green, or brown.

25 lbs. ....\$8.50 50 lbs. ....\$15.75

RUSCUS, RED. EEE short.

10 lbs. ....\$10.75 25 lbs. ....\$24.75

STRAWFLOWERS. No. 1 or No. 2 grade.

No. 1. Per 1000.....\$17.25

No. 2. Per 1000..... 13.25

WHEAT. Natural. 1 lb. bunch.... 1.50

Colored. 1 lb. bunch..... 2.25



## APPLE BLOSSOMS

### Celluloid

Colors: White, pink, red.

Per gross of a color .....\$1.50

## CALLA LILIES—Celluloid

White. Box of 50.....\$2.10

## CARNATIONS

### Wax or Celluloid

Colors: White, light pink, dark pink, yellow, talisman, or red.

Wax.

Per 100 of a color .....\$3.50

Celluloid.

Per 100 of a color .....\$4.00

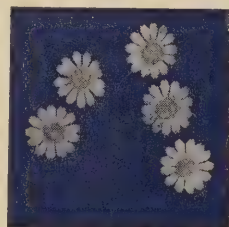


## DAISIES

### Celluloid

Colors: White, pink, yellow.

Per gross of a color .....\$1.35



## ORCHIDS—Celluloid

White, orchid-fuchsia.

Large. Per 50 of a color.....\$3.00

## PANSIES—Celluloid

Purple and yellow. Per gross.....\$3.25

## BABY PRIMROSE—Celluloid

Colors: White, pink, blue, yellow.

Per gross of a color.....\$1.85

## ROSES—Wax or Celluloid

Colors: White, light pink, dark pink, red, yellow, talisman.

Wax.

Per 100 of a color.....\$3.75

Celluloid. Large. No. 4.

Per 100 of a color.....\$4.00



## JUNE ROSE

Per gross of a color.....\$1.65

## SWEET PEAS—Celluloid

Colors: White, pink, red, white-lavender, white-pink.

Per gross of a color.....\$1.50

## ARTIFICIAL WREATHS



Assorted colors. Individually boxed.

17-inch. Each.....\$2.65

19-inch. Each..... 3.50

## GREEN PAINTED CYCAS LEAVES

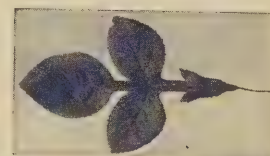
	Per 100
8 to 12 ins.....	\$ 5.00
12 to 16 ins.....	6.35
16 to 20 ins.....	7.50
20 to 24 ins.....	9.00
24 to 28 ins.....	11.50
28 to 32 ins.....	13.50
32 to 36 ins.....	15.50

## GALAX LEAVES—Celluloid

Colors: White, white-green, green.

Per gross .....\$1.50

## ROSE LEAVES



Celluloid. Green. Per gross.....\$1.85

Paper. Silver. Per gross..... 1.50

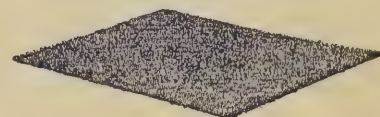
Paper. Gold. Per gross..... 1.75

## MAGNOLIA LEAVES

Red, brown or green.

Per 6-lb. carton .....\$2.75

## GRASS MATS—Raffia



Green. Finest quality. 56 row sewing. 36 inches wide. 72 inches long. Each.....\$3.75

## LILY OF THE VALLEY

Very natural. Imported.

Per gross .....\$1.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE





## BUGGY and CHAIR PLANTERS

Popular plastic planters, ideal for philodendrons.

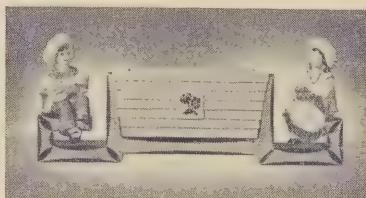
**BUGGY.**  
Per doz....\$8.40

**CHAIR.**  
Per doz.... 8.10



## GENE FREEDMAN PLANTERS

Highly styled planter creations made of a heavy thermoplastic that simulates the appearance of fine sculptured woods such as ebony.



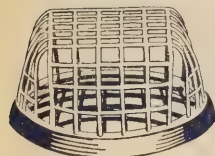
Planter and Nic-Nac Stand. 17" long, 4 1/2" high. Colors: Black, red or chartreuse. Figurines: Oriental, Mexican or Dutch boy and girl.  
No. 6001. Complete.....\$4.00



Fluted planter box, 15" long, 4" high. Colors: Black, red, or forest green.

No. 6006. Each.....\$1.80

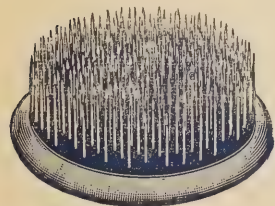
## FLOWER HOLDERS



**DOME TYPE**  
Lead.

Individually wrapped in cellophane.

	Each	Dozen
No. 70. Round. 2 1/2".....	\$0.40	\$3.60
No. 71. Round. 3 1/8".....	.60	5.40
No. 74. Oblong. 2 1/2" x 5".....	1.00	9.00



**PIN TYPE**  
Lead.

Solid Brass Pins  
very closely set.

	Each	Dozen
No. 1. Round. 1 5/8".....	\$0.25	\$2.10
No. 2. Round. 2 1/8".....	.45	3.90
No. 3. Round. 2 5/8".....	.65	6.00
No. 4. Round. 3 1/8".....	.80	7.50
No. 8. Oblong. 1 3/8" x 3 1/2".....	.55	5.10
No. 9. Oval. 1 7/8" x 3 1/2".....	.65	6.00
No. 10. Oval. 2 1/4" x 4 3/8".....	1.00	9.00

## DISPLAY ASSORTMENT

No. 12. Includes 5 No. 1, 4 No. 2, 2 No. 4 and 1 No. 8. Each.....\$3.85

## FLORAL CLAY

For securely fastening flower holders and Containers. Ctn. of 24 pkgs.....\$1.20

## POSEY KLAY

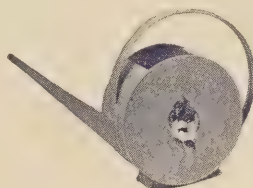


Holds securely to almost anything. Very pliable, waterproof. Will not harm silver, wood panels, glass.

FLORIST SIZE. 1 lb.....\$ .85

CONSUMER SIZE. (95c Retail.) ctn. of 25. 14.24

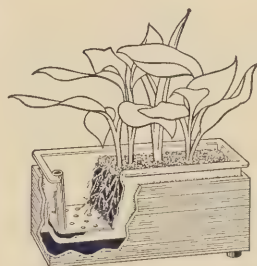
## DECORATIVE WATERING POTS



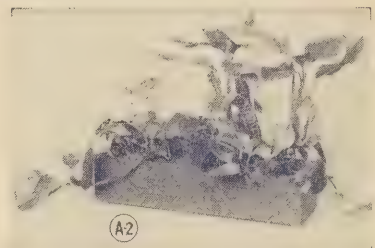
A practical and handsome household aid for watering indoor plants, or as a container for bouquets and plants.

No. 101. 1-qt. size. Carton of 12.....\$15.00

No. 102. 2-qt. size. Carton of 12..... 18.00



Cutaway  
showing  
sub-  
irrigating  
feature.



Very attractive planters with sub-irrigating plastic liner that carries water directly to roots. Ideal for African Violets as well as all other house plants.

Outer case of beautiful combed wood in pastel colors: Grey, yellow, chartreuse, green, light blue, dark blue, white.

Available in three sizes designed to fit most interior window ledges.

	Each	Dozen
No. 1-A. 9" x 3" x 2 1/2".....	\$1.00	\$10.80
No. 2-A. 18" x 3" x 2 1/2".....	1.65	18.00
No. 3-A. 27" x 3" x 2 1/2".....	2.35	26.40

## FLORETTE—The Flower Pot of Beauty and Utility



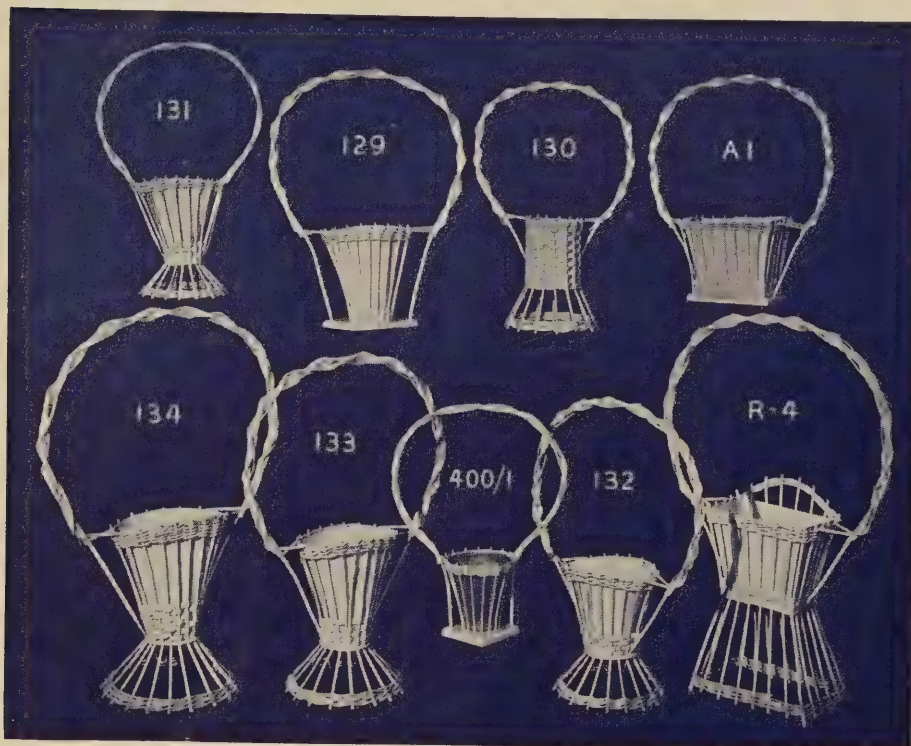
The new flower pot that will not warp or rot and whose color and luster are permanent; complete with saucer. May be used as a jacket to hold clay flowers or separately as a flowerpot by easily punching out water drainage blank in the bottom. FLORETTE comes in five soft desert colors: coral, chartreuse, turquoise, gray and forest green; and in two sizes, having top diameters of 3 1/2" or 4 3/4". Made of strong, beautiful plastic that is light in weight, non-fragile, washable and odorless.

3 1/2-inch. Carton of 3 dozen.....\$5.40

4 3/4-inch. Carton of 2 dozen..... 4.80



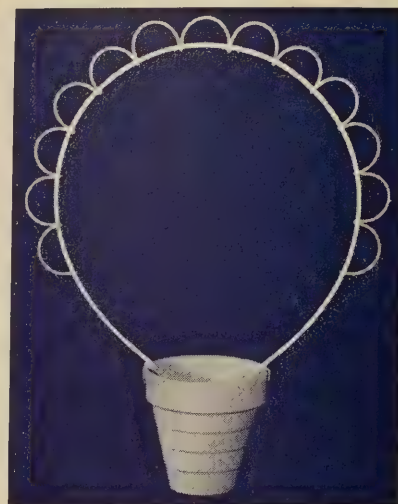
## FLOWER BASKETS FOR EVERY NEED



Model	Height of Body
No. 400/1	8 inches
No. A-1	10 inches
No. 129	13 inches
No. 130	13 inches
No. 131	14 inches
No. 132	14 inches
No. 133	16 inches
No. 134	18 inches
No. R-4	24 inches

Height Overall	Ship. Wt.	Price, Each
24 inches	2 lbs.	\$1.10
27 inches	4 lbs.	2.00
30 inches	4 lbs.	2.10
30 inches	3 lbs.	1.80
30 inches	3 lbs.	1.95
30 inches	3½ lbs.	2.00
35 inches	3½ lbs.	2.25
39 inches	3½ lbs.	2.75
40 inches	4 lbs.	3.50

### HANDY HANDLES



Fits any flower pot or papier mache container with a bulldog grip. All white wire. 17 inches high.

Bundle of 10.....\$3.60 50 for.....\$17.50  
100 for ..... 34.00

### "FLOWER GIRL" BASKETS

A very dainty petal basket. Made of white reed.

Small. Each...\$1.00  
Large. Each... 1.20

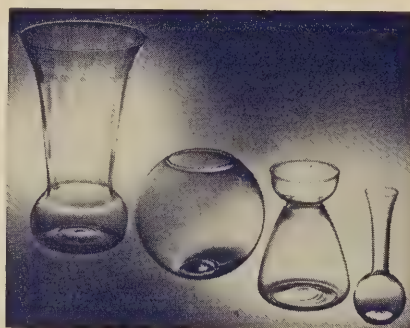


### "AMERICAN BEAUTY" VASES



36 inches overall. Wt. 12 lbs. Each....\$ 7.25  
42 inches overall. Wt. 13 lbs. Each.... 8.00  
48 inches overall. Wt. 14 lbs. Each.... 9.00  
54 inches overall. Wt. 16 lbs. Each.... 10.00

### GLASSWARE



**Vase. No. 693-10.** 10" high, 6" diam. Crystal.  
Carton of 12.....\$ 7.92  
Amber, Blue, or Iridescent. Carton of 12. 11.16  
**Rose Bowl. No. 695-4.** 4¼" diam.  
Crystal. Carton of 36..... 9.18  
Amber, Blue, or Iridescent. Carton of 36. 12.96  
**Hyacinth Glass. No. 717.** 6" high, 4" diam. Crystal. Carton of 36..... 9.45  
Amber, Blue, or Iridescent. Carton of 36. 13.05  
**Bud Vase. No. 601-8.** 8" high, 3" diam.  
Crystal. Carton of 36..... 9.72  
Amber, Blue, or Iridescent. Carton of 36. 13.59

### CHRYSANTHEMUM SPECIAL



A high stand basket that will give a few Mums or Gladiolus a massive appearance. Height overall, 52 inches. Depth of liner, 11 inches.  
No. CHR-3. Wt. 8 lbs. Each.....\$4.50

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## PAPIER MACHE CONTAINERS

### KEIDING POT COVERS



White.

	Top Diam.	Depth	Pack Per Case	Wt. Per Case	Price Each
No. 3.	4½"	4"	150	25 lbs.	8c
No. 4.	5"	5"	100	25 lbs.	10c
No. 5.	6½"	6½"	100	45 lbs.	13½c
No. 6.	7½"	7½"	50	30 lbs.	16½c
No. 7.	8½"	8"	50	45 lbs.	25c
No. 8.	10"	9½"	40	42 lbs.	38c

### JARDIER DECO CENTERPIECES



Low, narrow centerpieces for banquet tables, wedding tables and mantel pieces. These matching centerpieces are uniform in appearance, and may be used together in complete harmony.

- No. 18. 18" long x 4¾" x 2¾" high.  
40 to case. Wt. per case 22 lbs. Each...28c
- No. 150. 9" long x 3½" x 2¾" high.  
100 to case. Wt. per case 33 lbs. Each.12½c
- No. 100. 5" long x 3½" x 2¾" high.  
100 to case. Wt. per case 20 lbs. Each...9c

### HEART VASE



White. Weighted base.  
Top, 11" x 4½"; height, 10".  
Wt. per case, 25 lbs.

No. 45. 12 to case. Each .....49c

### FANTASY VASE



White. Weighted base.  
10½" x 4½" x 10" deep.  
Wt. per case 21 lbs.

No. 800. 12 to case. Each .....49c

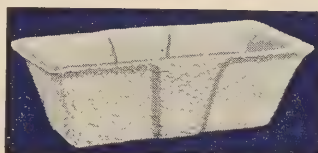
### KEIDING VASES



8" Vase. Top diam., 4½".  
Height, 8". White. Packed  
60 to case. Wt. per case  
33 lbs.  
Each .....14c

11" Vase. Top. diam., 7".  
Height, 11". White. Packed  
36 to case. Wt. per case  
40 lbs.  
Each .....25c

### JARDIER BULB BOXES

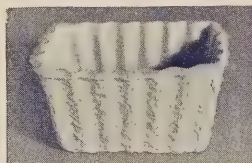


White

Each

- No. 4. 12" x 5" 50 to case (Wt. 31 lbs.)..27c
- No. 6. 16" x 5½" 27 to case (Wt. 18 lbs.)..44c

### KEIDING BULB BOX



White  
5" x 3"  
Packed 150 to  
case  
Wt. 25 lbs.  
Each .....9c

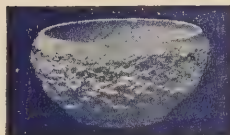
### KEIDING CENTERPIECES

White  
9" x 5"  
100 to case  
Wt. 40 lbs.  
Each...13c

11" x 6"  
75 to case  
Wt. 40 lbs.  
Each...20c



### JARDIER BULB BOWL



For bulbs and small  
floral creations.  
White. 6" diam., 3"  
deep.

60 per case. Wt. per case 15 lbs.  
No. 36. Each .....11c

### QUANTITY DISCOUNT

Full cases.....5%

### BOX VASE



White.  
Top, 8" x 4½"; depth, 5".  
Wt. per case 23 lbs.

No. 19. 60 to case. Each .....19c

### JARDIER ROSE VASE

No. 400

Weighted base.  
White.

Top diam., 5¼".  
Height, 10".

Packed 40 to case.

Wt. per case 40 lbs.  
No. 400. Each....24c



### JARDIER SPRAY VASE AND MUM VASE



Weighted base.  
White.

No. 500—

Spray Vase.

Top diam., 7½".  
Height, 10".

Packed 18 to case.  
Wt. per case 31 lbs.  
Each .....37c

No. 700—

Mum Vase.

Top Diam., 9½".  
Height, 13".

Packed 12 to case.  
Wt. per case 33 lbs.  
Each .....55c

### FORMART VASES

Color: White.



No.	Height	Width	Pack per case	Wt. per case	Price Each
120.	7½"	7½"	24	17 lbs.	25c
135.	11"	8"	24	27 lbs.	35c
150.	14"	9½"	12	17 lbs.	50c
155.	12"	11"	12	17 lbs.	55c

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## STYLISH METALLINES

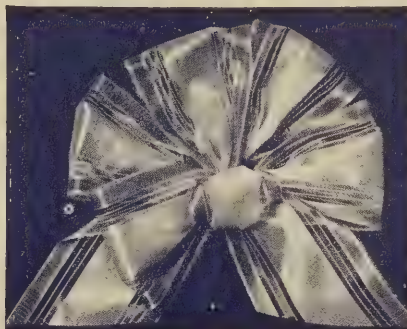
Pattern "Marilyn"



The aristocrat of metallines. Its fine, solid weave and beautiful, live colors make it a superb ribbon for better class sprays, wreaths and funeral baskets. Colors: White, pink, blue, yellow, talisman, better times, nile green, moss green, peacock, picardy, orchid, lavender, purple, fuchsia, premier, gray, red. Width, 4½ inches.

40-yard bolt. Each.....\$ 1.75  
10 bolts for.....16.50

Pattern "Necessity"



An attractive metalline with a striped, open weave. Its live colors give a good appearance when used on lower priced work. Colors: White, pink, blue, yellow, orchid, lavender, nile green, picardy, talisman, purple, Fulton, Better Times, red.

40-yard bolt. Each.....\$ 1.10  
10 bolts for.....10.00

### IMPORTANT! MINIMUM ORDER CHARGE

Because of the high cost of labor and packing materials, it is necessary for us to make a **SERVICE CHARGE** of \$1.00 on all orders under \$5.00. Please include in your orders some additional items to make your order a minimum of \$5.00 and avoid the extra service charge.

Also, be sure to include sufficient postage for small shipments. See table on page 96.

## DECORATIVE RIBBONS FOR POTTED PLANTS



Pattern "Swanky"

A beautiful pot tie with a lustrous finish. Colors: White, pink, blue, yellow, nile green, moss green, orchid, better times, red. Width ¾ inch.

40-yard bolt. Each.....\$0.75  
10 bolts for.....7.00



Pattern "Irene"

This good grade of pot tie has been our best seller for years. Colors: White, pink, blue, yellow, nile green, moss green, orchid, talisman, purple, autumn, picardy, better times, red, red and white. Width: ¾ inch.

50-yard bolt. Each.....\$ 0.55  
10 bolts for.....5.00  
50 bolts for.....22.50



Pattern "Sensation"

An excellent ribbon of good body. Wider than the usual pot tie, it makes a fine, full bow. Width 1½ inch. Colors: White, pink, blue, yellow, nile green, moss green, better times, orchid, talisman, fuchsia, picardy, gardenia, pink and yellow, red, red and white.

40-yd. bolt. Each.....\$0.75  
10 bolts for.....7.00

**Attractive, Yet Inexpensive**

### RIBBON SHEARS

Black japanned handles.

(9 inches overall.) Each..\$2.50 3 for..\$6.00 6 for..\$11.50 Per dozen..\$21.00  
(10 inches overall.) Each.....\$3.50 3 for.....\$9.75 6 for.....\$18.00

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### LACELON RIBBON



A new type non-woven lace ribbon made by the makers of Scotch tape. Its delicate pattern and warm colors make it especially attractive for floral use. Lacelon ribbon is waterproof and can be stored in humid coolers for long periods without wilting, drooping or curling.

Colors: White, pink, light blue, royal blue, yellow, nile green, fuchsia, orchid, Better times, Red. 50-yd. bolts.

3-inch. Each...\$3.28 6 for...\$17.76  
5-inch. Each....4.05 6 for....21.90  
Silver or Gold. 3-inch. Each.....\$4.23

*Aqua Net*

Water-proof netting of fine quality for wedding bouquets, etc. Colors: White, rosebud pink, orchid, better times, yellow, nile green, light blue. 6 inches wide.

40-yard bolt. Each.....\$1.75

### MALINE

Full 27-inch width. Just the thing for weddings. Colors: White, pink, yellow, light blue, aqua, nile green, better times, brown, orchid, eggshell.

Cut. Per yard.....\$0.25  
Bolt of approx. 35 yards. Per bolt..4.50

### RED OUTDOOR RIBBON

Weather-proof plastic ribbon for use on Christmas wreaths and other outdoor decorations.

Per bolt 10 bolts  
No. 40. 50-yd. bolt.....\$1.20 \$11.00  
No. 120. 50-yd. bolt....1.85 17.00



## RIBBONS OF DISTINCTION

### RAYON SATIN RIBBON Pattern "Sunshine"



Finest quality cut-edge rayon SATIN. Colors same as Pattern "Debutante".

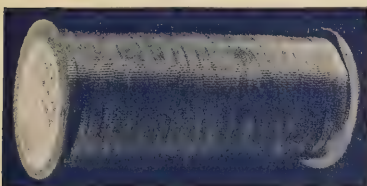
<b>No. 9</b> width (1½ inch).	
50-yard bolt .....	\$ 1.00
10 bolts for.....	9.50
<b>No. 40</b> width (2¾ inch).	
50-yard bolt .....	\$ 1.75
10 bolts for.....	16.50
<b>No. 120</b> width (4½ inch).	
50-yard bolt .....	\$ 2.75
10 bolts for.....	26.50

### DECORETTE RIBBON



A lacy, non-woven ribbon that is outstanding for its delicate sheerness, workability and knot-tie strength. Waterproof—flame-resistant—crush-resistant. Fine for pot tie, packaging, and underwater arrangements. Colors: White, pastel pink, pastel blue, pastel yellow, Nile green, emerald green, royal blue, better times, orchid, chartreuse, red. Width 1¼ inches. 100-yd. bolt. Each...\$1.98 6 for ...\$10.74 Silver or Gold. 100 yd. bolt. Each.....\$2.75

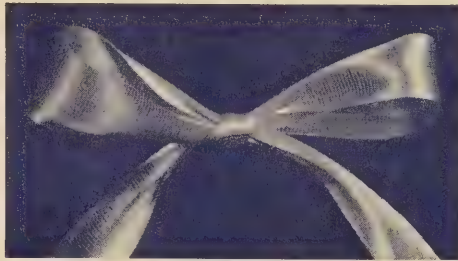
### RIBBONZENE



#### The Standard Tying Ribbon

¼" wide. Colors: White, pink, light blue, yellow, cerise, old rose, green, orchid, red. 500-yard spool. Each .....\$ 1.15 10 spools for..... 11.00

### RAYON SATIN CORSAGE RIBBONS



#### Pattern "Debutante"

A beautiful No. 3 width (¾-inch), lustrous cut-edge rayon SATIN Ribbon used by many leading florists. Soft and beautiful yet firm enough to make a fine, graceful bow.

#### COLORS:

White	Red	Orchid
Eggshell	Aqua	Yellow
Pink	Light Blue	Talisman
Better Times	Royal Blue	Brown
Happiness	Nile Green	Peacock
Lavender	Moss Green	Picardy
Fuchsia	Emerald Green	Margaret Fulton
Purple	Chartreuse	
50-yard bolt. ...	\$0.50	10 bolts for...\$4.50

#### DOUBLE FACED SATIN COLORS:

White	White/Gardenia	Chartreuse/Brown
Blue	Blue/Pink	Orchid/Fuchsia
50-yard bolt. Each.....		\$1.15

### SHOWER RIBBON Pattern "Suzanne"

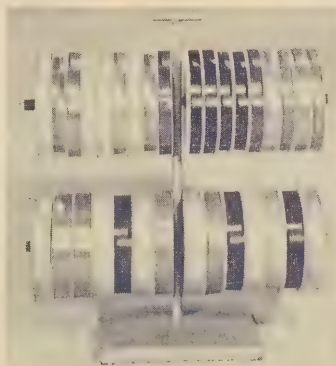
No. 2 width (7/16-inch). Colors: White, pink, blue, Nile, better times, aqua, yellow, moss green, chartreuse, emerald, fuchsia, picardy, brown, talisman. 100-yard bolt...\$0.75 10 bolts for...\$7.00

### TAFFETA CORSAGE RIBBON Pattern "Varsity"

Nice colored-edge rayon taffeta corsage ribbon in No. 3 width. Colors: White, pink, blue, orchid, better times, talisman.

40-yard bolt...\$0.45 10 bolts for...\$4.00

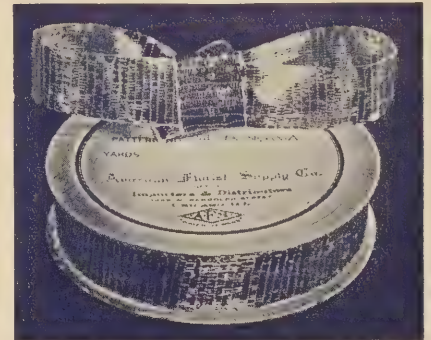
### RIBBON RACK



Handy metal rack holds Lacelon or Decorette ribbon only. 16" high by 16" wide.

No. S1. Each .....\$3.95

### TINSEL RIBBONS



#### Pattern "Stardust"

A bright, lustrous creped tinsel, available in two widths. 50-yard bolts.

Silver or Gold.

No. 2 width (7/16-inch). Per bolt.....	\$1.15
No. 3 width (¾-inch). Per bolt.....	1.25

### TRI-COLOR RIBBON Pattern "Yankee"

Red, white and blue striped—for American Legion, patriotic and national designs and bouquets.

No. 5 width (¾ inch). 50-yard bolt.....	\$1.25
No. 40 width (2¾ inch). 40-yard bolt....	2.50
No. 120 width (4½ inch). 40-yard bolt....	3.50

### BOOKS ON ARRANGEMENT

**The Album of Designs — Funeral Flowers.** Handsome pictures of funeral pieces, many full-page size; assist greatly in taking funeral orders more quickly. Heavy waterproof cover with plastic spiral binding. 19th Edition...\$2.00

**The Designer's Notebook.** Up-to-date methods of arranging funeral work, wedding bouquets, corsages and table flowers. Illustrated. For beginners, and experienced designers. 3rd Edition .....\$1.00

**Vogue in Flowers (new edition).** Contains many fine illustrations of the latest styling in wedding flowers, corsages, table decorations, etc., with new supplement "Wedding Customs and Etiquette." Heavy waterproof cover with plastic spiral binding. 8th Edition.....\$2.00

**Flower Craft** by Patricia Easterbrook Roberts. An illustrated handbook of basic information on the care and use of flowers, covering bouquets, corsages, decorations, weddings, potted plants, arrangements, and all other elements of floristry for professional and amateur...\$2.95

**The Complete Book of Flower Arrangement** by F. F. Rockwell and Esther C. Grayson. A comprehensive volume on the art of flower arrangement. It is a direct, lucid step-by-step guide to making good floral displays. 89 Kodachrome reproductions and more than 100 black and white photographs, drawings and diagrams for making attractive displays...\$4.95

**The Art of Driftwood and Dried Arrangements** by Tatsuo Ishimoto. The use of driftwood in permanent arrangements. 150 photographs .....\$2.95

**The Book of Table Arrangements** by Patricia Roberts. Utilizing functional and decorative elements in 75 original illustrated table settings .....\$2.95

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# 1954 A.F.S. BLUEBOOK

## The Complete Guide to All Horticultural Supplies



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Because of the high cost of labor and packing materials, it is necessary for us to make a **SERVICE CHARGE** of \$1.00 on all orders under \$5.00. Please include in your orders some additional items to make your order a minimum of \$5.00 and avoid the extra service charge.

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Sixth Zone within 1000 to 1400 miles.....	28c	12c
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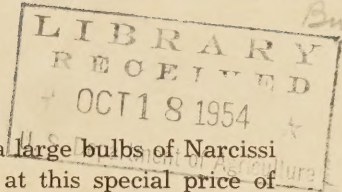
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# PEST and DISEASE CONTROL CHART

INSECT	CROP	CONTROL MEASURE	REMARKS	DISEASE	CROP	CONTROL MEASURE	REMARKS
Red spider	Any	Parathion bomb, spray, or dust.	Parathion in the presence of sulfur causes leafdrop on roses. Parathion bombs not advised on open mums.	Stem rot Damping-off	Any	Arasan, Fermate, Zerlate, or Parzate.	Destroy diseased plants. Treat seeds, light covering only. Use 1 teaspoon per gal. and apply as a liquid fertilizer on soil in which plants are growing.
		Dithio bomb or smoke generator.	Kills adults only. No residual effect.			Steam sterilize soil mixture and pots.	Avoid injury to stems of seedlings or cuttings when potting or planting. Don't plant too deep!
		Aramite spray or bomb.	Use 1 1/4 lbs. of the 15% wettable powder per 100 gal. plus a spreader and thoroughly cover the plant. Non-poisonous to humans.				
		Chlorobenzilate spray.	Use 1 lb. of the 25% wettable powder per 100 gal. plus a spreader. Thorough coverage essential.	Black spot	Roses	Fermate—1 lb. per 100 gal. plus a spreader.	Avoid splashing water on foliage. Regular spraying necessary.
		Malathion spray or bomb.	Use 1 to 2 lbs. of the 25% wettable powder per 100 gal. plus a spreader.		Chrysanthemum English Ivy	Fermate, Zerlate, or Parzate sprays.	Avoid splashing foliage with water.
		TEPP bomb or spray.	Avoid wetting soil with spray.	Mildew	Calendula Chrysanthemum Hydrangea Rose Saintpaulia	Avoid temperature drops which increase relative humidity and encourage growth of the mildew organism.	No fungicide effective if heat and ventilation are not regulated correctly.
		Ovotran (K-6451) bomb or spray or vaporized from steam pipes.	In dark weather this may cause leafdrop on roses. Not compatible with sulfur.			Mildex—6 oz. per 100 gal. plus a spreader.	Apply when plants will dry rapidly. May cause spotting or crippling of foliage on some rose varieties.
		Sodium selenate on tolerant crops.	Carnations, mums, asters, snapdragons, cyclamen and Saintpaulia.			Wettable sulfur sprays plus a spreader or sulfur dusts.	Often bleaches flowers. Parathion and sulfur together cause leafdrop on roses.
		Dimite spray.	Use at 1-1200 or 1-1600.				
Thrips	Any, inside or outside	Parathion, Lindane, BHC, Malathion, DDT.	Parathion and DDT injure Kalanchoe and some other succulents.	Root rot Soft rot	Calla	2 oz. wettable Spergon in 1 gal. water. Soak 3 hours.	Remove all rotted portions before soaking. Steam soil and pots. Plant bulbs immediately after soaking treatment.
		Gladiolus bulbs	5% DDT dust.			1 lb. New Improved Ceresan per 50 gal. water. Soak 1 hour.	
		Corrosive sublimate, Lysol, or formaldehyde.	Bulb disinfectants.			Formaldehyde 1-50. Soak 1 hour.	
Aphids	Any	Dithion, Parathion, Malathion, Lindane, BHC, TEPP, Nicotine, Rotenone.		Leafspots Foliage blights	Aster Azalea Begonia Carnation Chrysanthemum Cyclamen English Ivy Gardenia Geranium Hydrangea	Fermate, Zerlate, or Parzate sprays or dusts.	Avoid splashing water on foliage. Give plenty of space and air.
Leaf roller Mum midge White fly Leafhopper Tarnished plant bug	Any	DDT or Parathion.					
Scale	Any	Dithion bomb or Malathion spray.	Apply regularly after young scale hatch and are in crawler stage.	Botrytis or petal blight	Carnation Chrysanthemum Snapdragon	High humidity favors its development. Use some heat and ventilation even in mild weather.	Common on white or soft varieties of carnations and chrysanthemums.
Mealybugs	Any	Parathion bomb or spray.	Not recommended on poinsettias showing color.			Parzate sprays or dusts.	Apply when color shows.
		Dithion bomb or smoke generator.		Rust	Aster Carnation Chrysanthemum Snapdragon	Fermate, Zerlate, or Parzate sprays.	Avoid splashing water on foliage.
		Malathion spray.				Wettable sulfur sprays.	
Ants Grasshoppers	Any	Chlordane dust or spray.		Root nematode	Any	Steam soil, pots, and bench area where pots have been placed.	Methyl bromide fumigation also very effective.
Slugs Snails Cutworms Sowbugs	Any	Snailicide. Snarol.	DDT dust for sowbugs.	Stunt	Chrysanthemum	Discard all stock and buy stunt-free plants.	Virus which is slow to show symptoms. Apparently healthy plants may have stunt.
Leafminer Foliar nematode	Chrysanthemum	Parathion spray. Sodium selenate.					
Rose Midge Strawberry root worm	Rose	DDT sprayed on walks and benches three times at 10-day intervals.	Pinch and destroy heavily infested shoots.	Chlorosis	Azalea Gardenia Hydrangea	Re-establish root action by carrying on the dry side. Sequestrene at 1 teaspoon per 2 gal. water. Iron sulfate at 1 oz. per 2 gal.	May be caused by high pH, over-watering, root nematodes, or symphyliids.
		Parathion bomb.	Useful only when pests are on the foliage.				
Mite	Begonia Cyclamen English Ivy Saintpaulia Snapdragon Foliage plants	Parathion spray.	Repeated applications necessary. Usually injures cyclamen.	Mosaic	Chrysanthemum Snapdragon	Often caused by too much fertilizer. Leach thoroughly.	Have soil tested periodically.
		Dimite spray.					
		Rotenone & nicotine spray.	Must spray every 5 to 7 days.		Any	Destroy badly infected plants.	Often spread by aphids. Keep them under control.
Root aphids	Fern Palm Poinsettia	Lindane—use 1 oz. of wettable powder per 30 gal. and apply as a liquid fertilizer.					
Symphyliids	Any	Lindane—see Root aphids.	Yearly treatment advised.				

Compiled by  
**OHIO FLORISTS' ASSOCIATION**



A.F.S.

# BLUEBOOK

*The Complete Guide to all Horticultural Supplies*

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